

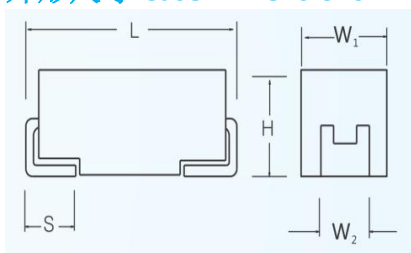


CA45 型 标准型产品



- 模压封装、密封性好、片式、体积小、重量轻、极性电容器。
- 电性能优良、稳定可靠、寿命长、贮存稳定性好、等效于 AVX 公司 TAJ 和 F93 系列, KEMET 公司 T491 系列, VISHAY 公司 293D 系列产品。
- 适用于移动通讯、摄影机、计算机等电子设备的表面贴装电路。
- 执行标准: QJ/PWV109-2003

外形尺寸 Case Dimensions



环保声明 Environmental Compliance



表 1 外形尺寸

单位: mm

壳号 代码	壳号尺寸	L	W ₁	H	W ₂	S
R	2013-12	2.05±0.20	1.30±0.20	1.20 max	0.50±0.20	1.00±0.20
P	2012-15	2.05±0.20	1.35±0.20	1.50 max	0.50±0.20	1.00±0.20
A1	3216-10	3.20±0.20	1.6±0.20	1.00 max	0.80±0.20	1.20±0.20
A2	3216-12	3.20±0.20	1.60±0.20	1.20 max	0.80±0.20	1.20±0.20
A	3216-16	3.20±0.20	1.60±0.2	1.60±0.20	0.80±0.20	1.20±0.20
B2	3528-12	3.50±0.20	2.80±0.20	1.20 max	0.80±0.20	2.20±0.20
B3	3528-15	3.50±0.20	2.80±0.20	1.50 max	0.80±0.20	2.20±0.20
B	3528-19	3.50±0.20	2.80±0.20	1.90±0.20	0.80±0.20	2.20±0.20
I	6032-15	6.00±0.30	3.20±0.30	1.50±0.30	1.30±0.20	2.20±0.20
C1	6032-20	6.00±0.2	3.20±0.20	2.00 max	0.80±0.20	2.20±0.20
C	6032-25	6.00±0.20	3.20±0.20	2.50±0.20	1.30±0.20	2.20±0.20

壳号 代码	壳号尺寸	L	W ₁	H	W ₂	S
D2	7343-15	7.30±0.30	4.30±0.30	1.50±0.30	1.30±0.20	2.40±0.20
H	7343-20	7.30±0.30	4.30±0.30	2.00±0.30	1.30±0.20	2.40±0.20
D	7343-28	7.30±0.20	4.30±0.20	2.80±0.20	1.30±0.20	2.40±0.20
E	7343-43	7.30±0.40	4.30±0.40	4.10±0.40	1.30±0.20	2.40±0.20
V1	7361-20	7.30±0.30	6.00±0.30	2.00 max	2.00±0.30	4.75±0.20
F	7360-25	7.30±0.30	6.00±0.30	2.50±0.30	1.35±0.20	3.00±0.20
V	7361-36	7.30±0.40	6.10±0.40	3.60±0.40	1.35±0.20	3.00±0.20
W	7361-41	7.30±0.40	6.10±0.40	4.10±0.40	1.35±0.20	3.00±0.20
G	8575-45	8.50±0.40	7.50±0.40	4.50±0.40	1.80±0.20	4.50±0.20
S	11090-45	11.00±0.40	9.00±0.40	4.50±0.40	1.50±0.20	7.00±0.20
T	110125-55	11.00±0.40	12.50±0.40	5.50±0.40	1.50±0.20	10.50±0.20

订货格式 Ordning Information

CA45	-	10V	-	47 μF	-	B	-	M	-	A	:	100Kpcs
产品型号		额定电压		标称容量		壳号代码		容量级别		产品等级		订货数量
CA45 为标准型钽电 容		2.5V 到 100V		0.1 μF 到 2200 μF		R, P, A1, A2, A, B2, B3, B, I, C1, C, D2, H, D, E, V1, F, V, W, G, S, T		J=±10% K=±10% M=±20% N=±30% Y 为特殊要求		A: 工业级; S: 商用级;		单位 Kpcs 为千只



产品编码 Part Number

XT100	B0		476	(1)	010	(2)
产品型号	壳号编码		容量代码	容量级别	电压编码	产品级别
	壳号编码与对应代码					
X100=CA45 型、 标准型铝电容	R0=R; P0=P; A1=A1; A2=A2; A0=A; B2=B2; B3=B3; B0=B; I0=I; C1=C1; C0=C;	D2=D2; H0=H; D0=D; E0=E; V1=V1; F0=F; V0=V; W0=W; G0=G; S0=S; T0=T;	其中: 22 为有效数字, 6 为指数, 表示为 $22 \times 10^6 nF =$ 22 μF	J=5% K=10% M=20% N=30% Y 为特殊要求。	2R5=2.5V 004=4V 6R3=6.3V 010=10V 016=16V 020=20V 025=25V 035=35V 040=40V 050=50V 063=63V 075=75V 100=100V	A 为工业级 S 为商用级

技术特性 TECHNICAL SPECIFICATIONS

表 2 主要性能指标

技术指标	一般技术指标适用于+25℃环境温度									
容量范围	0.10 μF ~ 1000 μF									
容量允差	$\pm 10\%$; $\pm 20\%$;									
漏电流	$I_0 \leq 0.01CRUR$ (μF) 或 0.5 μF (取大者)									
损耗角正切 ($tg \delta$)	不超过表 4 “电性能参数表” 规定									
等效串联电阻 (ESR)	不超过表 4 “电性能参数表” 规定									
额定电压 (V_R)	$\leq +85^\circ C$:	4	6.3	10	16	20	25	35	50	
类别电压 (V_C)	$\leq +125^\circ C$:	2.7	4	6.3	10	15	17	23	33	
工作温度范围	-55℃到+125℃									
引脚镀层	引脚表层镀锡铈									

表 3 高低温特性

		-55℃	+25℃	+85℃	+125℃
容量变化率	$\Delta C/C$	$\pm 10\%$	IL*	$\pm 10\%$	$\pm 20\%$
损耗角正切	$tg \delta$	IL	IL	1.5 倍 IL	1.5 倍 IL
漏电流	LC	不适用	IL	8 倍 IL	10 倍 IL

注：初始限额见表 4 规定



表 4、电性能参数表 Electrical Characteristics

额定电压	标称容量		产品编码	直流漏电流 最大值	损耗角正切 最大值	等效串联电阻 最大值	允许最大纹波电流		
Rate Volt	CAP	Case Code	Part No.	Max DCL@25℃	Max DF@25℃ 100Hz	Max ESR@25℃ 100KHz	Max Allowable Ripple Current@100KHz (A)		
(V)	(μF)			(μA)	(%)	(mΩ)	25℃	85℃	125℃
2.5	4.7	R	XT100R0475(1)2R5(2)	0.5	6	20	0.052	0.031	0.021
2.5	6.8	R	XT100R0685(1)2R5(2)	0.5	6	20	0.052	0.031	0.021
2.5	10	R	XT100R0106(1)2R5(2)	0.5	8	4.5	0.111	0.066	0.044
2.5	10	A2	XT100A2106(1)2R5(2)	0.5	6	8	0.09	0.054	0.036
2.5	15	R	XT100R0156(1)2R5(2)	0.5	8	4.1	0.116	0.069	0.046
2.5	22	R	XT100R0226(1)2R5(2)	0.6	8	3.8	0.12	0.072	0.048
2.5	22	P	XT100P0226(1)2R5(2)	0.6	8	3.5	0.131	0.079	0.052
2.5	33	P	XT100P0336(1)2R5(2)	0.8	8	3.5	0.131	0.079	0.052
2.5	33	A1	XT100A1336(1)2R5(2)	0.8	8	1.7	0.196	0.117	0.078
2.5	33	A2	XT100A2336(1)2R5(2)	0.8	8	1.5	0.208	0.125	0.083
2.5	33	A3	XT100A3336(1)2R5(2)	0.8	8	1.7	0.203	0.122	0.081
2.5	47	P	XT100P0476(1)2R5(2)	1.2	12	3.2	0.137	0.082	0.055
2.5	47	A2	XT100A2476(1)2R5(2)	1.2	8	1.6	0.202	0.121	0.081
2.5	47	A3	XT100A3476(1)2R5(2)	1.2	6	3	0.153	0.092	0.061
2.5	68	A3	XT100A3686(1)2R5(2)	1.7	8	1.5	0.216	0.13	0.086
2.5	68	B2	XT100B2686(1)2R5(2)	1.7	8	1.5	0.231	0.139	0.092
2.5	100	A3	XT100A3107(1)2R5(2)	2.5	30	1.4	0.224	0.134	0.089
2.5	100	B2	XT100B2107(1)2R5(2)	2.5	24	3.9	0.143	0.086	0.057
2.5	100	B	XT100B0107(1)2R5(2)	2.5	8	1.4	0.231	0.139	0.093
2.5	100	I	XT100I0107(1)2R5(2)	2.5	8	0.4	0.474	0.285	0.19
2.5	150	B2	XT100B2157(1)2R5(2)	3.8	18	1.2	0.258	0.155	0.103
2.5	150	B	XT100B0157(1)2R5(2)	3.8	10	1.6	0.217	0.13	0.087
2.5	150	I	XT100I0157(1)2R5(2)	3.8	8	0.3	0.548	0.329	0.219
2.5	220	B	XT100B0227(1)2R5(2)	5.5	16	1.6	0.217	0.13	0.087
2.5	220	I	XT100I0227(1)2R5(2)	5.5	8	0.3	0.548	0.329	0.219
2.5	220	H	XT100H0227(1)2R5(2)	5.5	8	0.3	0.645	0.387	0.258
2.5	220	D	XT100D0227(1)2R5(2)	5.5	8	0.3	0.592	0.355	0.237
2.5	330	I	XT100I0337(1)2R5(2)	8.3	12	0.3	0.548	0.329	0.219
2.5	330	H	XT100H0337(1)2R5(2)	8.3	8	0.3	0.645	0.387	0.258
2.5	330	D	XT100D0337(1)2R5(2)	8.3	8	0.3	0.592	0.355	0.237
2.5	470	C1	XT100C1477(1)2R5(2)	11.8	12	0.3	0.577	0.346	0.231
2.5	470	C	XT100C0477(1)2R5(2)	11.8	12	0.2	0.671	0.402	0.268
2.5	470	H	XT100H0477(1)2R5(2)	11.8	12	0.2	0.791	0.474	0.316
2.5	470	D	XT100D0477(1)2R5(2)	11.8	8	0.2	0.725	0.435	0.29
2.5	680	C	XT100C0687(1)2R5(2)	17.0	18	0.2	0.671	0.402	0.268
2.5	680	H	XT100H0687(1)2R5(2)	17.0	12	0.2	0.791	0.474	0.316
2.5	680	D	XT100D0687(1)2R5(2)	17.0	16	0.2	0.725	0.435	0.29
2.5	680	E	XT100E0687(1)2R5(2)	17.0	10	0.2	0.791	0.474	0.316
2.5	1000	H	XT100H0108(1)2R5(2)	25.0	30	0.2	0.791	0.474	0.316
2.5	1000	D	XT100D0108(1)2R5(2)	25.0	20	0.2	0.725	0.435	0.29
2.5	1000	E	XT100E0108(1)2R5(2)	25.0	14	0.2	0.791	0.474	0.316
2.5	1500	D	XT100D0158(1)2R5(2)	37.5	60	0.2	0.725	0.435	0.29



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2.5	1500	E	XT100E0158(1)2R5(2)	37.5	20	0.2	0.791	0.474	0.316
2.5	1500	V	XT100V0158(1)2R5(2)	37.5	20	0.2	0.866	0.52	0.346
2.5	2200	V	XT100V0228(1)2R5(2)	55.0	50	0.2	0.866	0.52	0.346
4	2.2	R	XT100R0225(1)004(2)	0.5	6	25	0.047	0.028	0.019
4	2.2	A2	XT100A2225(1)004(2)	0.5	6	25	0.051	0.031	0.02
4	2.2	A	XT100A0225(1)004(2)	0.5	6	8	0.09	0.054	0.036
4	3.3	R	XT100R0335(1)004(2)	0.5	6	20	0.052	0.031	0.021
4	3.3	P	XT100P0335(1)004(2)	0.5	8	12	0.071	0.042	0.028
4	3.3	A2	XT100A2335(1)004(2)	0.5	6	18	0.06	0.036	0.024
4	3.3	A	XT100A0335(1)004(2)	0.5	6	8	0.09	0.054	0.036
4	4.7	R	XT100R0475(1)004(2)	0.5	6	12	0.068	0.041	0.027
4	4.7	P	XT100P0475(1)004(2)	0.5	8	6	0.1	0.06	0.04
4	4.7	A2	XT100A2475(1)004(2)	0.5	6	10	0.081	0.048	0.032
4	4.7	A	XT100A0475(1)004(2)	0.5	6	8	0.09	0.054	0.036
4	4.7	B	XT100B0475(1)004(2)	0.5	6	6	0.112	0.067	0.045
4	6.8	R	XT100R0685(1)004(2)	0.5	6	5.2	0.103	0.062	0.041
4	6.8	P	XT100P0685(1)004(2)	0.5	10	6	0.1	0.06	0.04
4	6.8	A2	XT100A2685(1)004(2)	0.5	6	15	0.066	0.039	0.026
4	6.8	A	XT100A0685(1)004(2)	0.5	6	6	0.104	0.062	0.042
4	6.8	B2	XT100B2685(1)004(2)	0.5	6	6	0.115	0.069	0.046
4	6.8	B	XT100B0685(1)004(2)	0.5	6	5.5	0.117	0.07	0.047
4	10	R	XT100R0106(1)004(2)	0.5	6	7	0.089	0.053	0.035
4	10	P	XT100P0106(1)004(2)	0.5	10	6	0.1	0.06	0.04
4	10	A2	XT100A2106(1)004(2)	0.5	6	15	0.066	0.039	0.026
4	10	A	XT100A0106(1)004(2)	0.5	6	6	0.104	0.062	0.042
4	10	B2	XT100B2106(1)004(2)	0.5	6	5	0.126	0.076	0.051
4	10	B	XT100B0106(1)004(2)	0.5	6	3.5	0.146	0.088	0.059
4	15	R	XT100R0156(1)004(2)	0.6	8	4	0.117	0.07	0.047
4	15	P	XT100P0156(1)004(2)	0.6	10	5	0.11	0.066	0.044
4	15	A2	XT100A2156(1)004(2)	0.6	10	15	0.066	0.039	0.026
4	15	A3	XT100A3156(1)004(2)	0.6	6	4	0.132	0.079	0.053
4	15	B2	XT100B2156(1)004(2)	0.6	6	5	0.126	0.076	0.051
4	15	B	XT100B0156(1)004(2)	0.6	6	3.5	0.146	0.088	0.059
4	15	C	XT100C0156(1)004(2)	0.6	6	3.5	0.16	0.096	0.064
4	22	R	XT100R0226(1)004(2)	0.9	8	3.8	0.12	0.072	0.048
4	22	P	XT100P0226(1)004(2)	0.9	8	4	0.122	0.073	0.049
4	22	A1	XT100A1226(1)004(2)	0.9	8	1.8	0.19	0.114	0.076
4	22	A2	XT100A2226(1)004(2)	0.9	10	10	0.081	0.048	0.032
4	22	A3	XT100A3226(1)004(2)	0.9	6	2.5	0.167	0.1	0.067
4	22	B2	XT100B2226(1)004(2)	0.9	6	5	0.126	0.076	0.051
4	22	B	XT100B0226(1)004(2)	0.9	6	3.2	0.153	0.092	0.061
4	22	C	XT100C0226(1)004(2)	0.9	6	1.8	0.224	0.134	0.089
4	33	P	XT100P0336(1)004(2)	1.3	8	2.8	0.146	0.088	0.059
4	33	A1	XT100A1336(1)004(2)	1.3	10	1.7	0.196	0.117	0.078
4	33	A2	XT100A2336(1)004(2)	1.3	8	1.7	0.196	0.117	0.078
4	33	A3	XT100A3336(1)004(2)	1.3	6	2.5	0.167	0.1	0.067
4	33	B2	XT100B2336(1)004(2)	1.3	8	5	0.126	0.076	0.051
4	33	B	XT100B0336(1)004(2)	1.3	6	3.2	0.153	0.092	0.061
4	33	I	XT100I0336(1)004(2)	1.3	6	0.6	0.387	0.232	0.155
4	33	C	XT100C0336(1)004(2)	1.3	6	1.8	0.224	0.134	0.089
4	47	A3	XT100A3476(1)004(2)	1.9	11	2.5	0.167	0.1	0.067



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4	47	B2	XT100B2476(1)004(2)	1.9	12	6	0.115	0.069	0.046
4	47	B	XT100B0476(1)004(2)	1.9	6	2.6	0.17	0.102	0.068
4	47	I	XT100I0476(1)004(2)	1.9	6	0.5	0.424	0.255	0.17
4	47	C	XT100C0476(1)004(2)	1.9	6	1.8	0.224	0.134	0.089
4	47	D	XT100D0476(1)004(2)	1.9	6	1.6	0.256	0.154	0.102
4	68	A3	XT100A3686(1)004(2)	2.7	24	2.5	0.167	0.1	0.067
4	68	B2	XT100B2686(1)004(2)	2.7	15	1.5	0.231	0.139	0.092
4	68	B	XT100B0686(1)004(2)	2.7	6	1.8	0.204	0.122	0.082
4	68	I	XT100I0686(1)004(2)	2.7	6	0.4	0.474	0.285	0.19
4	68	C	XT100C0686(1)004(2)	2.7	6	1.5	0.245	0.147	0.098
4	68	D	XT100D0686(1)004(2)	2.7	6	0.8	0.362	0.217	0.145
4	100	A3	XT100A3107(1)004(2)	4.0	30	2	0.187	0.112	0.075
4	100	B2	XT100B2107(1)004(2)	4.0	30	5	0.126	0.076	0.051
4	100	B	XT100B0107(1)004(2)	4.0	8	0.9	0.289	0.173	0.115
4	100	I	XT100I0107(1)004(2)	4.0	6	0.4	0.474	0.285	0.19
4	100	C	XT100C0107(1)004(2)	4.0	8	1.2	0.274	0.164	0.11
4	100	D	XT100D0107(1)004(2)	4.0	8	0.8	0.362	0.217	0.145
4	150	B	XT100B0157(1)004(2)	6.0	10	1.5	0.224	0.134	0.089
4	150	I	XT100I0157(1)004(2)	6.0	6	0.5	0.424	0.255	0.17
4	150	C	XT100C0157(1)004(2)	6.0	8	1.1	0.286	0.172	0.114
4	150	H	XT100H0157(1)004(2)	6.0	6	0.4	0.559	0.335	0.224
4	150	D	XT100D0157(1)004(2)	6.0	8	0.8	0.362	0.217	0.145
4	150	E	XT100E0157(1)004(2)	6.0	8	0.8	0.395	0.237	0.158
4	150	V1	XT100V1157(1)004(2)	6.0	8	0.7	0.517	0.31	0.207
4	220	B	XT100B0227(1)004(2)	8.8	18	0.5	0.387	0.232	0.155
4	220	I	XT100I0227(1)004(2)	8.8	8	0.3	0.548	0.329	0.219
4	220	C	XT100C0227(1)004(2)	8.8	12	1.1	0.286	0.172	0.114
4	220	D2	XT100D227(1)004(2)	8.8	8	0.9	0.333	0.2	0.133
4	220	H	XT100H0227(1)004(2)	8.8	8	0.3	0.645	0.387	0.258
4	220	D	XT100D0227(1)004(2)	8.8	8	0.8	0.362	0.217	0.145
4	220	E	XT100E0227(1)004(2)	8.8	10	0.7	0.423	0.254	0.169
4	220	V1	XT100V1227(1)004(2)	8.8	8	0.7	0.517	0.31	0.207
4	330	C1	XT100C1337(1)004(2)	13.2	10	0.3	0.577	0.346	0.231
4	330	C	XT100C0337(1)004(2)	13.2	10	0.7	0.359	0.215	0.143
4	330	D2	XT100D2337(1)004(2)	13.2	8	0.3	0.577	0.346	0.231
4	330	H	XT100H0337(1)004(2)	13.2	12	0.4	0.559	0.335	0.224
4	330	D	XT100D0337(1)004(2)	13.2	8	0.7	0.387	0.232	0.155
4	330	E	XT100E0337(1)004(2)	13.2	12	0.8	0.395	0.237	0.158
4	330	V1	XT100V1337(1)004(2)	13.2	12	0.7	0.517	0.31	0.207
4	330	V	XT100V0337(1)004(2)	13.2	8	0.8	0.433	0.26	0.173
4	470	C	XT100C0477(1)004(2)	18.8	14	0.3	0.548	0.329	0.219
4	470	H	XT100H0477(1)004(2)	18.8	14	0.4	0.559	0.335	0.224
4	470	D	XT100D0477(1)004(2)	18.8	8	0.5	0.458	0.275	0.183
4	470	E	XT100E0477(1)004(2)	18.8	10	0.5	0.5	0.3	0.2
4	470	V	XT100V0477(1)004(2)	18.8	8	0.5	0.548	0.329	0.219
4	680	H	XT100H0687(1)004(2)	27.2	25	0.2	0.791	0.474	0.316
4	680	D	XT100D0687(1)004(2)	27.2	12	0.3	0.592	0.355	0.237
4	680	E	XT100E0687(1)004(2)	27.2	14	0.35	0.598	0.359	0.239
4	1000	D	XT100D0108(1)004(2)	40.0	60	0.2	0.725	0.435	0.29
4	1000	E	XT100E0108(1)004(2)	40.0	15	0.3	0.645	0.387	0.258
4	1000	V	XT100V0108(1)004(2)	40.0	12	0.2	0.866	0.52	0.346



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4	1500	E	XT100E0158(1)004(2)	60.0	30	0.2	0.791	0.474	0.316
4	1500	V	XT100V0158(1)004(2)	60.0	30	0.2	0.866	0.52	0.346
6.3	1.5	R	XT100R0155(1)6R3(2)	0.5	6	25	0.047	0.028	0.019
6.3	1.5	A2	XT100A2155(1)6R3(2)	0.5	6	25	0.051	0.031	0.02
6.3	1.5	A	XT100A0155(1)6R3(2)	0.5	6	8	0.09	0.054	0.036
6.3	2.2	R	XT100R0225(1)6R3(2)	0.5	6	20	0.052	0.031	0.021
6.3	2.2	P	XT100P0225(1)6R3(2)	0.5	8	12	0.071	0.042	0.028
6.3	2.2	A2	XT100A2225(1)6R3(2)	0.5	6	18	0.06	0.036	0.024
6.3	2.2	A	XT100A0225(1)6R3(2)	0.5	6	8	0.09	0.054	0.036
6.3	3.3	R	XT100R0335(1)6R3(2)	0.5	6	12	0.068	0.041	0.027
6.3	3.3	P	XT100P0335(1)6R3(2)	0.5	8	12	0.071	0.042	0.028
6.3	3.3	A2	XT100A2335(1)6R3(2)	0.5	6	9	0.085	0.051	0.034
6.3	3.3	A	XT100A0335(1)6R3(2)	0.5	6	8	0.09	0.054	0.036
6.3	3.3	B	XT100B0335(1)6R3(2)	0.5	6	7	0.104	0.062	0.041
6.3	4.7	R	XT100R0475(1)6R3(2)	0.5	6	7	0.089	0.053	0.035
6.3	4.7	P	XT100P0475(1)6R3(2)	0.5	8	6	0.1	0.06	0.04
6.3	4.7	A2	XT100A2475(1)6R3(2)	0.5	6	15	0.066	0.039	0.026
6.3	4.7	A	XT100A0475(1)6R3(2)	0.5	6	6	0.104	0.062	0.042
6.3	4.7	B2	XT100B2475(1)6R3(2)	0.5	6	6	0.115	0.069	0.046
6.3	4.7	B	XT100B0475(1)6R3(2)	0.5	6	5.5	0.117	0.07	0.047
6.3	6.8	R	XT100R0685(1)6R3(2)	0.5	8	7	0.089	0.053	0.035
6.3	6.8	P	XT100P0685(1)6R3(2)	0.5	10	6	0.1	0.06	0.04
6.3	6.8	A2	XT100A2685(1)6R3(2)	0.5	6	15	0.066	0.039	0.026
6.3	6.8	A	XT100A0685(1)6R3(2)	0.5	6	6	0.104	0.062	0.042
6.3	6.8	B2	XT100B2685(1)6R3(2)	0.5	6	5	0.126	0.076	0.051
6.3	6.8	B	XT100B0685(1)6R3(2)	0.5	6	3.5	0.146	0.088	0.059
6.3	10	R	XT100R0106(1)6R3(2)	0.6	8	6	0.096	0.057	0.038
6.3	10	P	XT100P0106(1)6R3(2)	0.6	8	6	0.1	0.06	0.04
6.3	10	A2	XT100A2106(1)6R3(2)	0.6	10	15	0.066	0.039	0.026
6.3	10	A3	XT100A3106(1)6R3(2)	0.6	6	3	0.153	0.092	0.061
6.3	10	B2	XT100B2106(1)6R3(2)	0.6	6	5	0.126	0.076	0.051
6.3	10	B	XT100B0106(1)6R3(2)	0.6	6	3.5	0.146	0.088	0.059
6.3	10	C	XT100C0106(1)6R3(2)	0.6	6	3	0.173	0.104	0.069
6.3	15	R	XT100R0156(1)6R3(2)	0.9	8	4.1	0.116	0.069	0.046
6.3	15	P	XT100P0156(1)6R3(2)	0.9	8	3.5	0.131	0.079	0.052
6.3	15	A1	XT100A1156(1)6R3(2)	0.9	6	2	0.18	0.108	0.072
6.3	15	A2	XT100A2156(1)6R3(2)	0.9	15	10	0.081	0.048	0.032
6.3	15	A3	XT100A3156(1)6R3(2)	0.9	6	2.9	0.155	0.093	0.062
6.3	15	B2	XT100B2156(1)6R3(2)	0.9	6	5	0.126	0.076	0.051
6.3	15	B	XT100B0156(1)6R3(2)	0.9	6	3	0.158	0.095	0.063
6.3	15	C	XT100C0156(1)6R3(2)	0.9	6	1.8	0.224	0.134	0.089
6.3	22	P	XT100P0226(1)6R3(2)	1.4	8	3.3	0.135	0.081	0.054
6.3	22	A1	XT100A1226(1)6R3(2)	1.4	10	1.8	0.19	0.114	0.076
6.3	22	A2	XT100A2226(1)6R3(2)	1.4	10	1.8	0.19	0.114	0.076
6.3	22	A3	XT100A3226(1)6R3(2)	1.4	6	3	0.153	0.092	0.061
6.3	22	B2	XT100B2226(1)6R3(2)	1.4	8	5	0.126	0.076	0.051
6.3	22	B	XT100B0226(1)6R3(2)	1.4	6	3.5	0.146	0.088	0.059
6.3	22	I	XT100I0226(1)6R3(2)	1.4	6	1.8	0.224	0.134	0.089
6.3	22	C	XT100C0226(1)6R3(2)	1.4	6	1.8	0.224	0.134	0.089
6.3	33	A3	XT100A3336(1)6R3(2)	2.1	8	2.2	0.178	0.107	0.071
6.3	33	B2	XT100B2336(1)6R3(2)	2.1	12	6	0.115	0.069	0.046



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6.3	33	B	XT100B0336(1)6R3(2)	2.1	6	3	0.158	0.095	0.063
6.3	33	I	XT100I0336(1)6R3(2)	2.1	6	1.8	0.224	0.134	0.089
6.3	33	C	XT100C0336(1)6R3(2)	2.1	6	1.8	0.224	0.134	0.089
6.3	47	A3	XT100A3476(1)6R3(2)	3.0	12	2.5	0.167	0.1	0.067
6.3	47	B2	XT100B2476(1)6R3(2)	3.0	24	4.4	0.135	0.081	0.054
6.3	47	B	XT100B0476(1)6R3(2)	3.0	6	1	0.274	0.164	0.11
6.3	47	I	XT100I0476(1)6R3(2)	3.0	6	1.8	0.224	0.134	0.089
6.3	47	C	XT100C0476(1)6R3(2)	3.0	6	1.6	0.237	0.142	0.095
6.3	47	V1	XT100V1476(1)6R3(2)	3.0	6	0.7	0.517	0.31	0.207
6.3	68	A3	XT100A3686(1)6R3(2)	4.3	20	2	0.187	0.112	0.075
6.3	68	B	XT100B0686(1)6R3(2)	4.3	8	0.9	0.289	0.173	0.115
6.3	68	I	XT100I0686(1)6R3(2)	4.3	6	1.5	0.245	0.147	0.098
6.3	68	C	XT100C0686(1)6R3(2)	4.3	6	1.2	0.274	0.164	0.11
6.3	68	H	XT100H0686(1)6R3(2)	4.3	6	0.5	0.5	0.3	0.2
6.3	68	D	XT100D0686(1)6R3(2)	4.3	6	0.8	0.362	0.217	0.145
6.3	68	V1	XT100V1686(1)6R3(2)	4.3	6	0.7	0.517	0.31	0.207
6.3	100	A3	XT100A3107(1)6R3(2)	6.3	35	2	0.187	0.112	0.075
6.3	100	B	XT100B0107(1)6R3(2)	6.3	14	1.7	0.21	0.126	0.084
6.3	100	I	XT100I0107(1)6R3(2)	6.3	6	0.9	0.316	0.19	0.126
6.3	100	C	XT100C0107(1)6R3(2)	6.3	8	0.7	0.359	0.215	0.143
6.3	100	H	XT100H0107(1)6R3(2)	6.3	6	0.7	0.423	0.254	0.169
6.3	100	D	XT100D0107(1)6R3(2)	6.3	8	0.8	0.362	0.217	0.145
6.3	100	V1	XT100V1107(1)6R3(2)	6.3	8	0.7	0.517	0.31	0.207
6.3	100	F	XT100F0107(1)6R3(2)	6.3	8	0.5	0.6	0.36	0.24
6.3	150	B	XT100B0157(1)6R3(2)	9.5	10	0.9	0.289	0.173	0.115
6.3	150	I	XT100I0157(1)6R3(2)	9.5	8	0.3	0.548	0.329	0.219
6.3	150	C	XT100C0157(1)6R3(2)	9.5	8	1.1	0.286	0.172	0.114
6.3	150	D2	XT100D2157(1)6R3(2)	9.5	8	0.8	0.354	0.212	0.141
6.3	150	H	XT100H0157(1)6R3(2)	9.5	6	0.4	0.559	0.335	0.224
6.3	150	D	XT100D0157(1)6R3(2)	9.5	8	0.7	0.387	0.232	0.155
6.3	150	E	XT100E0157(1)6R3(2)	9.5	10	0.9	0.373	0.224	0.149
6.3	150	V1	XT100V1157(1)6R3(2)	9.5	8	0.7	0.517	0.31	0.207
6.3	150	F	XT100F0157(1)6R3(2)	9.5	8	0.5	0.6	0.36	0.24
6.3	220	B	XT100B0227(1)6R3(2)	13.9	30	1.2	0.25	0.15	0.1
6.3	220	C1	XT100C1227(1)6R3(2)	13.9	10	0.3	0.577	0.346	0.231
6.3	220	C	XT100C0227(1)6R3(2)	13.9	10	0.7	0.359	0.215	0.143
6.3	220	D2	XT100D2227(1)6R3(2)	13.9	8	0.8	0.354	0.212	0.141
6.3	220	H	XT100H0227(1)6R3(2)	13.9	8	0.7	0.423	0.254	0.169
6.3	220	D	XT100D0227(1)6R3(2)	13.9	8	0.5	0.458	0.275	0.183
6.3	220	E	XT100E0227(1)6R3(2)	13.9	8	0.4	0.559	0.335	0.224
6.3	220	V1	XT100V1227(1)6R3(2)	13.9	12	0.7	0.517	0.31	0.207
6.3	220	F	XT100F0227(1)6R3(2)	13.9	10	0.5	0.6	0.36	0.24
6.3	330	C	XT100C0337(1)6R3(2)	20.8	12	0.5	0.424	0.255	0.17
6.3	330	H	XT100H0337(1)6R3(2)	20.8	12	0.4	0.559	0.335	0.224
6.3	330	D	XT100D0337(1)6R3(2)	20.8	8	0.4	0.512	0.307	0.205
6.3	330	E	XT100E0337(1)6R3(2)	20.8	8	0.4	0.559	0.335	0.224
6.3	330	V1	XT100V1337(1)6R3(2)	20.8	8	0.7	0.517	0.31	0.207
6.3	330	F	XT100F0337(1)6R3(2)	20.8	10	0.3	0.775	0.465	0.31
6.3	470	H	XT100H0477(1)6R3(2)	29.6	20	0.2	0.791	0.474	0.316
6.3	470	D	XT100D0477(1)6R3(2)	29.6	12	0.3	0.592	0.355	0.237
6.3	470	E	XT100E0477(1)6R3(2)	29.6	10	0.4	0.559	0.335	0.224



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6.3	470	F	XT100F0477(1)6R3(2)	29.6	12	0.3	0.775	0.465	0.31
6.3	470	V	XT100V0477(1)6R3(2)	29.6	10	0.4	0.612	0.367	0.245
6.3	470	W	XT100W0477(1)6R3(2)	29.6	12	0.2	1	0.6	0.4
6.3	560	W	XT100W0567(1)6R3(2)	35.3	12	0.2	1	0.6	0.4
6.3	560	G	XT100G0567(1)6R3(2)	35.3	12	0.2	1.095	0.657	0.438
6.3	680	E	XT100E0687(1)6R3(2)	42.8	10	0.5	0.5	0.3	0.2
6.3	680	V	XT100V0687(1)6R3(2)	42.8	10	0.5	0.548	0.329	0.219
6.3	680	W	XT100W0687(1)6R3(2)	42.8	12	0.2	1	0.6	0.4
6.3	680	G	XT100G0687(1)6R3(2)	42.8	12	0.2	1.095	0.657	0.438
6.3	680	S	XT100S0687(1)6R3(2)	42.8	12	0.15	1.366	0.82	0.547
6.3	680	T	XT100T0687(1)6R3(2)	42.8	12	0.1	1.817	1.09	0.727
6.3	820	G	XT100G0827(1)6R3(2)	51.7	16	0.2	1.095	0.657	0.438
6.3	820	S	XT100S0827(1)6R3(2)	51.7	16	0.15	1.366	0.82	0.547
6.3	820	T	XT100T0827(1)6R3(2)	51.7	16	0.1	1.817	1.09	0.727
6.3	1000	E	XT100E0108(1)6R3(2)	63.0	20	0.2	0.791	0.474	0.316
6.3	1000	V	XT100V0108(1)6R3(2)	63.0	15	0.2	0.866	0.52	0.346
6.3	1000	G	XT100G0108(1)6R3(2)	63.0	16	0.2	1.095	0.657	0.438
6.3	1000	S	XT100S0108(1)6R3(2)	63.0	16	0.15	1.366	0.82	0.547
6.3	1000	T	XT100T0108(1)6R3(2)	63.0	16	0.1	1.817	1.09	0.727
6.3	1500	T	XT100T0158(1)6R3(2)	94.5	16	0.08	2.031	1.219	0.812
10	1	R	XT100R0105(1)010(2)	0.5	4	25	0.047	0.028	0.019
10	1	P	XT100P0105(1)010(2)	0.5	8	12	0.071	0.042	0.028
10	1	A2	XT100A2105(1)010(2)	0.5	4	25	0.051	0.031	0.02
10	1	A	XT100A0105(1)010(2)	0.5	4	10	0.081	0.048	0.032
10	1	B	XT100B0105(1)010(2)	0.5	4	6.5	0.107	0.064	0.043
10	1.5	R	XT100R0155(1)010(2)	0.5	6	20	0.052	0.031	0.021
10	1.5	P	XT100P0155(1)010(2)	0.5	8	12	0.071	0.042	0.028
10	1.5	A2	XT100A2155(1)010(2)	0.5	6	20	0.057	0.034	0.023
10	1.5	A	XT100A0155(1)010(2)	0.5	6	8	0.09	0.054	0.036
10	2.2	R	XT100R0225(1)010(2)	0.5	6	15	0.061	0.036	0.024
10	2.2	P	XT100P0225(1)010(2)	0.5	8	12	0.071	0.042	0.028
10	2.2	A2	XT100A2225(1)010(2)	0.5	6	12	0.074	0.044	0.029
10	2.2	A	XT100A0225(1)010(2)	0.5	6	8	0.09	0.054	0.036
10	2.2	B	XT100B0225(1)010(2)	0.5	6	3.5	0.146	0.088	0.059
10	3.3	R	XT100R0335(1)010(2)	0.5	6	8	0.083	0.05	0.033
10	3.3	P	XT100P0335(1)010(2)	0.5	8	12	0.071	0.042	0.028
10	3.3	A2	XT100A2335(1)010(2)	0.5	6	15	0.066	0.039	0.026
10	3.3	A	XT100A0335(1)010(2)	0.5	6	5.5	0.109	0.065	0.043
10	3.3	B2	XT100B2335(1)010(2)	0.5	6	6	0.115	0.069	0.046
10	3.3	B	XT100B0335(1)010(2)	0.5	6	5	0.122	0.073	0.049
10	4.7	R	XT100R0475(1)010(2)	0.5	6	9	0.078	0.047	0.031
10	4.7	P	XT100P0475(1)010(2)	0.5	8	6	0.1	0.06	0.04
10	4.7	A2	XT100A2475(1)010(2)	0.5	6	15	0.066	0.039	0.026
10	4.7	A	XT100A0475(1)010(2)	0.5	6	5	0.114	0.068	0.046
10	4.7	B2	XT100B2475(1)010(2)	0.5	6	5	0.126	0.076	0.051
10	4.7	B	XT100B0475(1)010(2)	0.5	6	3.5	0.146	0.088	0.059
10	6.8	R	XT100R0685(1)010(2)	0.7	6	5.2	0.103	0.062	0.041
10	6.8	P	XT100P0685(1)010(2)	0.7	6	5	0.11	0.066	0.044
10	6.8	A2	XT100A2685(1)010(2)	0.7	10	15	0.066	0.039	0.026
10	6.8	A3	XT100A3685(1)010(2)	0.7	6	3.5	0.141	0.085	0.057
10	6.8	B2	XT100B2685(1)010(2)	0.7	6	5	0.126	0.076	0.051



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10	6.8	B	XT100B0685(1)010(2)	0.7	6	3.5	0.146	0.088	0.059
10	6.8	C	XT100C0685(1)010(2)	0.7	6	3.5	0.16	0.096	0.064
10	10	R	XT100R0106(1)010(2)	1.0	20	6	0.096	0.057	0.038
10	10	P	XT100P0106(1)010(2)	1.0	8	6	0.1	0.06	0.04
10	10	A1	XT100A1106(1)010(2)	1.0	6	2.2	0.172	0.103	0.069
10	10	A2	XT100A2106(1)010(2)	1.0	10	15	0.066	0.039	0.026
10	10	A3	XT100A3106(1)010(2)	1.0	6	3	0.153	0.092	0.061
10	10	B2	XT100B2106(1)010(2)	1.0	6	5	0.126	0.076	0.051
10	10	B	XT100B0106(1)010(2)	1.0	6	3.5	0.146	0.088	0.059
10	10	C	XT100C0106(1)010(2)	1.0	6	1.8	0.224	0.134	0.089
10	15	A2	XT100A2156(1)010(2)	1.5	6	2	0.18	0.108	0.072
10	15	A3	XT100A3156(1)010(2)	1.5	6	3.2	0.148	0.089	0.059
10	15	B2	XT100B2156(1)010(2)	1.5	8	5	0.126	0.076	0.051
10	15	B	XT100B0156(1)010(2)	1.5	6	2.8	0.164	0.098	0.065
10	15	I	XT100I0156(1)010(2)	1.5	6	1.8	0.224	0.134	0.089
10	15	C	XT100C0156(1)010(2)	1.5	6	1.8	0.224	0.134	0.089
10	22	A3	XT100A3226(1)010(2)	2.2	10	3	0.153	0.092	0.061
10	22	B2	XT100B2226(1)010(2)	2.2	12	8	0.1	0.06	0.04
10	22	B	XT100B0226(1)010(2)	2.2	6	1.9	0.199	0.119	0.079
10	22	I	XT100I0226(1)010(2)	2.2	6	1.8	0.224	0.134	0.089
10	22	C	XT100C0226(1)010(2)	2.2	6	1.8	0.224	0.134	0.089
10	33	A3	XT100A3336(1)010(2)	3.3	15	2.5	0.167	0.1	0.067
10	33	B2	XT100B2336(1)010(2)	3.3	24	5	0.126	0.076	0.051
10	33	B	XT100B0336(1)010(2)	3.3	6	1.4	0.231	0.139	0.093
10	33	I	XT100I0336(1)010(2)	3.3	6	1.6	0.237	0.142	0.095
10	33	C	XT100C0336(1)010(2)	3.3	6	1.5	0.245	0.147	0.098
10	33	H	XT100H0336(1)010(2)	3.3	6	0.7	0.423	0.254	0.169
10	33	D	XT100D0336(1)010(2)	3.3	6	0.8	0.362	0.217	0.145
10	33	V1	XT100V1336(1)010(2)	3.3	6	0.7	0.517	0.31	0.207
10	47	A3	XT100A3476(1)010(2)	4.7	40	2	0.187	0.112	0.075
10	47	B3	XT100B3476(1)010(2)	4.7	8	1	0.283	0.17	0.113
10	47	B	XT100B0476(1)010(2)	4.7	8	1	0.274	0.164	0.11
10	47	I	XT100I0476(1)010(2)	4.7	6	1.4	0.254	0.152	0.101
10	47	C	XT100C0476(1)010(2)	4.7	6	0.9	0.316	0.19	0.126
10	47	H	XT100H0476(1)010(2)	4.7	6	0.7	0.423	0.254	0.169
10	47	D	XT100D0476(1)010(2)	4.7	6	0.8	0.362	0.217	0.145
10	47	V1	XT100V1476(1)010(2)	4.7	6	0.7	0.517	0.31	0.207
10	68	B	XT100B0686(1)010(2)	6.8	6	1.4	0.231	0.139	0.093
10	68	I	XT100I0686(1)010(2)	6.8	6	1.2	0.274	0.164	0.11
10	68	C	XT100C0686(1)010(2)	6.8	6	0.8	0.335	0.201	0.134
10	68	D2	XT100D2686(1)010(2)	6.8	6	1.2	0.289	0.173	0.115
10	68	H	XT100H0686(1)010(2)	6.8	6	0.9	0.373	0.224	0.149
10	68	D	XT100D0686(1)010(2)	6.8	6	0.8	0.362	0.217	0.145
10	68	V1	XT100V1686(1)010(2)	6.8	6	0.7	0.517	0.31	0.207
10	68	F	XT100F0686(1)010(2)	6.8	6	0.5	0.6	0.36	0.24
10	100	B	XT100B0107(1)010(2)	10.0	14	1.4	0.231	0.139	0.093
10	100	I	XT100I0107(1)010(2)	10.0	6	0.4	0.474	0.285	0.19
10	100	C1	XT100C1107(1)010(2)	10.0	8	0.18	0.745	0.447	0.298
10	100	C	XT100C0107(1)010(2)	10.0	8	0.7	0.359	0.215	0.143
10	100	D2	XT100D2107(1)010(2)	10.0	8	0.9	0.333	0.2	0.133
10	100	H	XT100H0107(1)010(2)	10.0	6	0.9	0.373	0.224	0.149



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10	100	D	XT100D0107(1)010(2)	10.0	8	0.6	0.418	0.251	0.167
10	100	E	XT100E0107(1)010(2)	10.0	8	0.9	0.373	0.224	0.149
10	100	V1	XT100V1107(1)010(2)	10.0	8	0.7	0.517	0.31	0.207
10	100	F	XT100F0107(1)010(2)	10.0	8	0.5	0.6	0.36	0.24
10	150	I	XT100I0157(1)010(2)	15.0	12	0.2	0.671	0.402	0.268
10	150	C1	XT100C1157(1)010(2)	15.0	10	0.3	0.577	0.346	0.231
10	150	C	XT100C0157(1)010(2)	15.0	8	0.9	0.316	0.19	0.126
10	150	D2	XT100D2157(1)010(2)	15.0	6	0.3	0.577	0.346	0.231
10	150	H	XT100H0157(1)010(2)	15.0	6	1.2	0.323	0.194	0.129
10	150	D	XT100D0157(1)010(2)	15.0	8	0.6	0.418	0.251	0.167
10	150	E	XT100E0157(1)010(2)	15.0	8	0.9	0.373	0.224	0.149
10	150	V1	XT100V1157(1)010(2)	15.0	8	0.7	0.517	0.31	0.207
10	150	F	XT100F0157(1)010(2)	15.0	8	0.4	0.671	0.402	0.268
10	220	C	XT100C0227(1)010(2)	22.0	16	0.5	0.424	0.255	0.17
10	220	H	XT100H0227(1)010(2)	22.0	10	0.5	0.5	0.3	0.2
10	220	D	XT100D0227(1)010(2)	22.0	8	0.5	0.458	0.275	0.183
10	220	E	XT100E0227(1)010(2)	22.0	8	0.5	0.5	0.3	0.2
10	220	F	XT100F0227(1)010(2)	22.0	10	0.3	0.775	0.465	0.31
10	220	V	XT100V0227(1)010(2)	22.0	8	0.5	0.548	0.329	0.219
10	330	H	XT100H0337(1)010(2)	33.0	12	0.2	0.791	0.474	0.316
10	330	D	XT100D0337(1)010(2)	33.0	10	0.5	0.458	0.275	0.183
10	330	E	XT100E0337(1)010(2)	33.0	8	0.9	0.373	0.224	0.149
10	330	V	XT100V0337(1)010(2)	33.0	10	0.5	0.548	0.329	0.219
10	330	W	XT100W0337(1)010(2)	33.0	10	0.2	1	0.6	0.4
10	390	W	XT100W0397(1)010(2)	39.0	10	0.2	1	0.6	0.4
10	390	G	XT100G0397(1)010(2)	39.0	10	0.2	1.095	0.657	0.438
10	390	S	XT100S0397(1)010(2)	39.0	10	0.2	1.183	0.71	0.473
10	390	T	XT100T0397(1)010(2)	39.0	10	0.1	1.817	1.09	0.727
10	470	E	XT100E0477(1)010(2)	47.0	10	0.5	0.5	0.3	0.2
10	470	V	XT100V0477(1)010(2)	47.0	10	0.2	0.866	0.52	0.346
10	470	W	XT100W0477(1)010(2)	47.0	12	0.5	0.632	0.379	0.253
10	470	G	XT100G0477(1)010(2)	47.0	12	0.2	1.095	0.657	0.438
10	470	S	XT100S0477(1)010(2)	47.0	12	0.2	1.183	0.71	0.473
10	470	T	XT100T0477(1)010(2)	47.0	12	0.1	1.817	1.09	0.727
10	560	S	XT100S0567(1)010(2)	56.0	12	0.15	1.366	0.82	0.547
10	560	T	XT100T0567(1)010(2)	56.0	12	0.1	1.817	1.09	0.727
10	680	E	XT100E0687(1)010(2)	68.0	14	0.5	0.5	0.3	0.2
10	680	S	XT100S0687(1)010(2)	68.0	12	0.15	1.366	0.82	0.547
10	680	T	XT100T0687(1)010(2)	68.0	12	0.1	1.817	1.09	0.727
10	820	T	XT100T0827(1)010(2)	82.0	16	0.1	1.817	1.09	0.727
10	1000	T	XT100T0108(1)010(2)	100.0	16	0.1	1.817	1.09	0.727
16	0.47	P	XT100P0474(1)016(2)	0.5	8	20	0.055	0.033	0.022
16	0.68	R	XT100R0684(1)016(2)	0.5	4	25	0.047	0.028	0.019
16	0.68	P	XT100P0684(1)016(2)	0.5	8	12	0.071	0.042	0.028
16	0.68	A2	XT100A2684(1)016(2)	0.5	4	25	0.051	0.031	0.02
16	0.68	A	XT100A0684(1)016(2)	0.5	4	12	0.074	0.044	0.029
16	1	R	XT100R0105(1)016(2)	0.5	4	20	0.052	0.031	0.021
16	1	P	XT100P0105(1)016(2)	0.5	8	12	0.071	0.042	0.028
16	1	A2	XT100A2105(1)016(2)	0.5	4	15	0.066	0.039	0.026
16	1	A3	XT100A3105(1)016(2)	0.5	4	7.5	0.097	0.058	0.039
16	1	B2	XT100B2105(1)016(2)	0.5	4	5	0.126	0.076	0.051



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16	1	B	XT100B0105(1)016(2)	0.5	4	6.5	0.107	0.064	0.043
16	1.5	R	XT100R0155(1)016(2)	0.5	6	10	0.074	0.044	0.03
16	1.5	P	XT100P0155(1)016(2)	0.5	8	12	0.071	0.042	0.028
16	1.5	A2	XT100A2155(1)016(2)	0.5	6	12	0.074	0.044	0.029
16	1.5	A	XT100A0155(1)016(2)	0.5	6	8	0.09	0.054	0.036
16	1.5	B	XT100B0155(1)016(2)	0.5	6	8	0.097	0.058	0.039
16	2.2	R	XT100R0225(1)016(2)	0.5	6	6.5	0.092	0.055	0.037
16	2.2	P	XT100P0225(1)016(2)	0.5	8	12	0.071	0.042	0.028
16	2.2	A2	XT100A2225(1)016(2)	0.5	6	15	0.066	0.039	0.026
16	2.2	A3	XT100A3225(1)016(2)	0.5	4	5	0.118	0.071	0.047
16	2.2	B2	XT100B2225(1)016(2)	0.5	6	6.5	0.111	0.067	0.044
16	2.2	B	XT100B0225(1)016(2)	0.5	6	5.5	0.117	0.07	0.047
16	3.3	R	XT100R0335(1)016(2)	0.5	8	5	0.105	0.063	0.042
16	3.3	A2	XT100A2335(1)016(2)	0.5	6	5	0.114	0.068	0.046
16	3.3	A3	XT100A3335(1)016(2)	0.5	6	4.5	0.125	0.075	0.05
16	3.3	B2	XT100B2335(1)016(2)	0.5	6	5	0.126	0.076	0.051
16	3.3	B	XT100B0335(1)016(2)	0.5	6	3.5	0.146	0.088	0.059
16	4.7	P	XT100P0475(1)016(2)	0.8	8	5	0.11	0.066	0.044
16	4.7	A1	XT100A1475(1)016(2)	0.8	6	3.1	0.145	0.087	0.058
16	4.7	A2	XT100A2475(1)016(2)	0.8	8	4	0.127	0.076	0.051
16	4.7	A	XT100A0475(1)016(2)	0.8	6	4	0.127	0.076	0.051
16	4.7	B2	XT100B2475(1)016(2)	0.8	6	5	0.126	0.076	0.051
16	4.7	B	XT100B0475(1)016(2)	0.8	6	3.5	0.146	0.088	0.059
16	4.7	C	XT100C0475(1)016(2)	0.8	6	2.4	0.194	0.116	0.077
16	6.8	A2	XT100A2685(1)016(2)	1.1	8	2.4	0.165	0.099	0.066
16	6.8	A3	XT100A3685(1)016(2)	1.1	6	3.5	0.141	0.085	0.057
16	6.8	B2	XT100B2685(1)016(2)	1.1	6	3.5	0.151	0.091	0.06
16	6.8	B	XT100B0685(1)016(2)	1.1	6	2.5	0.173	0.104	0.069
16	6.8	C	XT100C0685(1)016(2)	1.1	6	1.9	0.218	0.131	0.087
16	10	A3	XT100A3106(1)016(2)	1.6	6	3	0.153	0.092	0.061
16	10	B2	XT100B2106(1)016(2)	1.6	8	8	0.1	0.06	0.04
16	10	B	XT100B0106(1)016(2)	1.6	6	2.5	0.173	0.104	0.069
16	10	I	XT100I0106(1)016(2)	1.6	6	2	0.212	0.127	0.085
16	10	C	XT100C0106(1)016(2)	1.6	6	1.8	0.224	0.134	0.089
16	15	A3	XT100A3156(1)016(2)	2.4	6	2	0.187	0.112	0.075
16	15	B	XT100B0156(1)016(2)	2.4	6	2	0.194	0.116	0.077
16	15	I	XT100I0156(1)016(2)	2.4	6	1.8	0.224	0.134	0.089
16	15	C	XT100C0156(1)016(2)	2.4	6	1.8	0.224	0.134	0.089
16	22	A3	XT100A3226(1)016(2)	3.5	15	3	0.153	0.092	0.061
16	22	B	XT100B0226(1)016(2)	3.5	6	2.2	0.185	0.111	0.074
16	22	I	XT100I0226(1)016(2)	3.5	6	1.6	0.237	0.142	0.095
16	22	C	XT100C0226(1)016(2)	3.5	6	1.1	0.286	0.172	0.114
16	22	H	XT100H0226(1)016(2)	3.5	6	0.9	0.373	0.224	0.149
16	22	D	XT100D0226(1)016(2)	3.5	6	0.8	0.362	0.217	0.145
16	33	B	XT100B0336(1)016(2)	5.3	8	1.9	0.199	0.119	0.079
16	33	I	XT100I0336(1)016(2)	5.3	6	1.5	0.245	0.147	0.098
16	33	C	XT100C0336(1)016(2)	5.3	6	1.1	0.286	0.172	0.114
16	33	H	XT100H0336(1)016(2)	5.3	6	0.9	0.373	0.224	0.149
16	33	D	XT100D0336(1)016(2)	5.3	6	0.8	0.362	0.217	0.145
16	33	F	XT100F0336(1)016(2)	5.3	6	0.7	0.507	0.304	0.203
16	47	I	XT100I0476(1)016(2)	7.5	6	0.4	0.474	0.285	0.19



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16	47	C	XT100C0476(1)016(2)	7.5	6	0.9	0.316	0.19	0.126
16	47	D2	XT100D2476(1)016(2)	7.5	6	0.75	0.365	0.219	0.146
16	47	H	XT100H0476(1)016(2)	7.5	6	0.7	0.423	0.254	0.169
16	47	D	XT100D0476(1)016(2)	7.5	6	0.7	0.387	0.232	0.155
16	47	E	XT100E0476(1)016(2)	7.5	6	0.9	0.373	0.224	0.149
16	47	V1	XT100V1476(1)016(2)	7.5	6	0.7	0.517	0.31	0.207
16	47	F	XT100F0476(1)016(2)	7.5	6	0.7	0.507	0.304	0.203
16	68	C1	XT100C1686(1)016(2)	10.9	10	0.4	0.5	0.3	0.2
16	68	C	XT100C0686(1)016(2)	10.9	6	1.2	0.274	0.164	0.11
16	68	D2	XT100D2686(1)016(2)	10.9	6	0.8	0.354	0.212	0.141
16	68	H	XT100H0686(1)016(2)	10.9	6	0.9	0.373	0.224	0.149
16	68	D	XT100D0686(1)016(2)	10.9	6	0.6	0.418	0.251	0.167
16	68	E	XT100E0686(1)016(2)	10.9	6	0.9	0.373	0.224	0.149
16	68	V1	XT100V1686(1)016(2)	10.9	6	0.7	0.517	0.31	0.207
16	68	F	XT100F0686(1)016(2)	10.9	6	0.5	0.6	0.36	0.24
16	100	C	XT100C0107(1)016(2)	16.0	10	1	0.3	0.18	0.12
16	100	D2	XT100D2107(1)016(2)	16.0	8	0.1	1	0.6	0.4
16	100	H	XT100H0107(1)016(2)	16.0	8	0.9	0.373	0.224	0.149
16	100	D	XT100D0107(1)016(2)	16.0	8	0.7	0.387	0.232	0.155
16	100	E	XT100E0107(1)016(2)	16.0	6	0.9	0.373	0.224	0.149
16	100	V1	XT100V1107(1)016(2)	16.0	12	0.7	0.517	0.31	0.207
16	100	F	XT100F0107(1)016(2)	16.0	8	0.4	0.671	0.402	0.268
16	150	H	XT100H0157(1)016(2)	24.0	15	0.3	0.645	0.387	0.258
16	150	D	XT100D0157(1)016(2)	24.0	6	0.7	0.387	0.232	0.155
16	150	E	XT100E0157(1)016(2)	24.0	8	0.3	0.645	0.387	0.258
16	150	F	XT100F0157(1)016(2)	24.0	8	0.3	0.775	0.465	0.31
16	150	V	XT100V0157(1)016(2)	24.0	8	0.5	0.548	0.329	0.219
16	220	D	XT100D0227(1)016(2)	35.2	25	0.7	0.387	0.232	0.155
16	220	E	XT100E0227(1)016(2)	35.2	10	0.5	0.5	0.3	0.2
16	220	V	XT100V0227(1)016(2)	35.2	8	0.5	0.548	0.329	0.219
16	220	W	XT100W0227(1)016(2)	35.2	10	0.2	1	0.6	0.4
16	270	W	XT100W0277(1)016(2)	43.2	10	0.2	1	0.6	0.4
16	270	G	XT100G0277(1)016(2)	43.2	10	0.2	1.095	0.657	0.438
16	270	S	XT100S0277(1)016(2)	43.2	10	0.2	1.183	0.71	0.473
16	270	T	XT100T0277(1)016(2)	43.2	10	0.2	1.285	0.771	0.514
16	330	E	XT100E0337(1)016(2)	52.8	12	0.8	0.395	0.237	0.158
16	330	V	XT100V0337(1)016(2)	52.8	12	0.8	0.433	0.26	0.173
16	330	W	XT100W0337(1)016(2)	52.8	10	0.2	1	0.6	0.4
16	330	G	XT100G0337(1)016(2)	52.8	10	0.2	1.095	0.657	0.438
16	330	S	XT100S0337(1)016(2)	52.8	10	0.2	1.183	0.71	0.473
16	330	T	XT100T0337(1)016(2)	52.8	10	0.2	1.285	0.771	0.514
16	390	W	XT100W0397(1)016(2)	62.4	10	0.2	1	0.6	0.4
16	390	G	XT100G0397(1)016(2)	62.4	10	0.2	1.095	0.657	0.438
16	390	S	XT100S0397(1)016(2)	62.4	10	0.2	1.183	0.71	0.473
16	390	T	XT100T0397(1)016(2)	62.4	10	0.2	1.285	0.771	0.514
16	470	E	XT100E0477(1)016(2)	75.2	16	0.8	0.395	0.237	0.158
16	470	W	XT100W0477(1)016(2)	75.2	12	0.2	1	0.6	0.4
16	470	G	XT100G0477(1)016(2)	75.2	12	0.2	1.095	0.657	0.438
16	470	S	XT100S0477(1)016(2)	75.2	12	0.2	1.183	0.71	0.473
16	470	T	XT100T0477(1)016(2)	75.2	12	0.18	1.354	0.812	0.542
16	560	T	XT100T0567(1)016(2)	89.6	12	0.1	1.817	1.09	0.727



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16	680	T	XT100T0687(1)016(2)	108.8	12	0.1	1.817	1.09	0.727
20	0.1	R	XT100R0104(1)020(2)	0.5	4	25	0.047	0.028	0.019
20	0.1	A2	XT100A2104(1)020(2)	0.5	4	25	0.051	0.031	0.02
20	0.15	R	XT100R0154(1)020(2)	0.5	4	25	0.047	0.028	0.019
20	0.15	A2	XT100A2154(1)020(2)	0.5	4	25	0.051	0.031	0.02
20	0.22	R	XT100R0224(1)020(2)	0.5	4	25	0.047	0.028	0.019
20	0.22	A2	XT100A2224(1)020(2)	0.5	4	25	0.051	0.031	0.02
20	0.33	R	XT100R0334(1)020(2)	0.5	4	25	0.047	0.028	0.019
20	0.33	A2	XT100A2334(1)020(2)	0.5	4	25	0.051	0.031	0.02
20	0.47	R	XT100R0474(1)020(2)	0.5	4	25	0.047	0.028	0.019
20	0.47	P	XT100P0474(1)020(2)	0.5	8	20	0.055	0.033	0.022
20	0.47	A2	XT100A2474(1)020(2)	0.5	4	25	0.051	0.031	0.02
20	0.47	A	XT100A0474(1)020(2)	0.5	4	14	0.068	0.041	0.027
20	0.68	R	XT100R0684(1)020(2)	0.5	4	20	0.052	0.031	0.021
20	0.68	A2	XT100A2684(1)020(2)	0.5	4	25	0.051	0.031	0.02
20	0.68	A	XT100A0684(1)020(2)	0.5	4	12	0.074	0.044	0.029
20	0.68	B2	XT100B2684(1)020(2)	0.5	4	15	0.073	0.044	0.029
20	1	R	XT100R0105(1)020(2)	0.5	4	20	0.052	0.031	0.021
20	1	P	XT100P0105(1)020(2)	0.5	8	20	0.055	0.033	0.022
20	1	A2	XT100A2105(1)020(2)	0.5	6	18	0.06	0.036	0.024
20	1	A3	XT100A3105(1)020(2)	0.5	4	9	0.088	0.053	0.035
20	1	B2	XT100B2105(1)020(2)	0.5	4	9	0.094	0.057	0.038
20	1	B	XT100B0105(1)020(2)	0.5	4	9	0.091	0.055	0.037
20	1.5	R	XT100R0155(1)020(2)	0.5	6	9.6	0.076	0.045	0.03
20	1.5	P	XT100P0155(1)020(2)	0.5	6	9.6	0.079	0.047	0.032
20	1.5	A2	XT100A2155(1)020(2)	0.5	6	15	0.066	0.039	0.026
20	1.5	A3	XT100A3155(1)020(2)	0.5	6	6.5	0.104	0.062	0.042
20	1.5	B2	XT100B2155(1)020(2)	0.5	6	6.5	0.111	0.067	0.044
20	1.5	B	XT100B0155(1)020(2)	0.5	6	6	0.112	0.067	0.045
20	2.2	R	XT100R0225(1)020(2)	0.5	6	6	0.096	0.057	0.038
20	2.2	P	XT100P0225(1)020(2)	0.5	6	8.3	0.085	0.051	0.034
20	2.2	A2	XT100A2225(1)020(2)	0.5	6	4.5	0.12	0.072	0.048
20	2.2	A3	XT100A3225(1)020(2)	0.5	6	5.3	0.115	0.069	0.046
20	2.2	B2	XT100B2225(1)020(2)	0.5	6	6	0.115	0.069	0.046
20	2.2	B	XT100B0225(1)020(2)	0.5	6	3.5	0.146	0.088	0.059
20	3.3	A3	XT100A3335(1)020(2)	0.7	4	4.5	0.125	0.075	0.05
20	3.3	B2	XT100B2335(1)020(2)	0.7	6	5	0.126	0.076	0.051
20	3.3	B	XT100B0335(1)020(2)	0.7	6	3	0.158	0.095	0.063
20	3.3	C	XT100C0335(1)020(2)	0.7	6	3.5	0.16	0.096	0.064
20	4.7	A3	XT100A3475(1)020(2)	0.9	6	3	0.153	0.092	0.061
20	4.7	B2	XT100B2475(1)020(2)	0.9	6	3.1	0.161	0.096	0.064
20	4.7	B	XT100B0475(1)020(2)	0.9	6	2.8	0.164	0.098	0.065
20	4.7	C	XT100C0475(1)020(2)	0.9	6	2.4	0.194	0.116	0.077
20	6.8	A3	XT100A3685(1)020(2)	1.4	6	2.4	0.171	0.102	0.068
20	6.8	B2	XT100B2685(1)020(2)	1.4	6	2.6	0.175	0.105	0.07
20	6.8	B	XT100B0685(1)020(2)	1.4	6	2.4	0.177	0.106	0.071
20	6.8	I	XT100I0685(1)020(2)	1.4	6	2	0.212	0.127	0.085
20	6.8	C	XT100C0685(1)020(2)	1.4	6	1.9	0.218	0.131	0.087
20	10	A3	XT100A3106(1)020(2)	2.0	8	3.5	0.141	0.085	0.057
20	10	B	XT100B0106(1)020(2)	2.0	6	2	0.194	0.116	0.077
20	10	I	XT100I0106(1)020(2)	2.0	6	1.9	0.218	0.131	0.087



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20	10	C	XT100C0106(1)020(2)	2.0	6	1.2	0.274	0.164	0.11
20	10	H	XT100H0106(1)020(2)	2.0	6	1.8	0.264	0.158	0.105
20	10	D	XT100D0106(1)020(2)	2.0	6	1.8	0.242	0.145	0.097
20	15	B	XT100B0156(1)020(2)	3.0	6	2	0.194	0.116	0.077
20	15	I	XT100I0156(1)020(2)	3.0	6	1.7	0.23	0.138	0.092
20	15	C	XT100C0156(1)020(2)	3.0	6	1.2	0.274	0.164	0.11
20	15	H	XT100H0156(1)020(2)	3.0	6	1.1	0.337	0.202	0.135
20	15	D	XT100D0156(1)020(2)	3.0	6	1	0.324	0.194	0.13
20	22	B	XT100B0226(1)020(2)	4.4	6	1.8	0.204	0.122	0.082
20	22	I	XT100I0226(1)020(2)	4.4	6	1.6	0.237	0.142	0.095
20	22	C	XT100C0226(1)020(2)	4.4	6	1.1	0.286	0.172	0.114
20	22	H	XT100H0226(1)020(2)	4.4	6	0.9	0.373	0.224	0.149
20	22	D	XT100D0226(1)020(2)	4.4	6	0.8	0.362	0.217	0.145
20	22	V1	XT100V1226(1)020(2)	4.4	6	0.7	0.517	0.31	0.207
20	22	F	XT100F0226(1)020(2)	4.4	6	0.7	0.507	0.304	0.203
20	33	C	XT100C0336(1)020(2)	6.6	6	1.1	0.286	0.172	0.114
20	33	D2	XT100D2336(1)020(2)	6.6	6	0.5	0.447	0.268	0.179
20	33	H	XT100H0336(1)020(2)	6.6	6	0.6	0.456	0.274	0.183
20	33	D	XT100D0336(1)020(2)	6.6	6	0.7	0.387	0.232	0.155
20	33	V1	XT100V1336(1)020(2)	6.6	8	0.7	0.517	0.31	0.207
20	33	F	XT100F0336(1)020(2)	6.6	6	0.5	0.6	0.36	0.24
20	47	C	XT100C0476(1)020(2)	9.4	6	0.5	0.424	0.255	0.17
20	47	D2	XT100D2476(1)020(2)	9.4	6	0.4	0.5	0.3	0.2
20	47	H	XT100H0476(1)020(2)	9.4	6	0.9	0.373	0.224	0.149
20	47	D	XT100D0476(1)020(2)	9.4	6	0.7	0.387	0.232	0.155
20	47	E	XT100E0476(1)020(2)	9.4	6	0.9	0.373	0.224	0.149
20	47	F	XT100F0476(1)020(2)	9.4	6	0.5	0.6	0.36	0.24
20	68	C	XT100C0686(1)020(2)	13.6	8	0.5	0.424	0.255	0.17
20	68	H	XT100H0686(1)020(2)	13.6	6	0.9	0.373	0.224	0.149
20	68	D	XT100D0686(1)020(2)	13.6	6	0.4	0.512	0.307	0.205
20	68	E	XT100E0686(1)020(2)	13.6	6	0.9	0.373	0.224	0.149
20	68	F	XT100F0686(1)020(2)	13.6	6	0.4	0.671	0.402	0.268
20	100	D	XT100D0107(1)020(2)	20.0	6	0.5	0.458	0.275	0.183
20	100	E	XT100E0107(1)020(2)	20.0	6	0.4	0.559	0.335	0.224
20	100	V	XT100V0107(1)020(2)	20.0	8	0.5	0.548	0.329	0.219
20	150	D	XT100D0157(1)020(2)	30.0	10	0.9	0.342	0.205	0.137
20	150	E	XT100E0157(1)020(2)	30.0	8	0.3	0.645	0.387	0.258
20	150	V	XT100V0157(1)020(2)	30.0	8	0.3	0.707	0.424	0.283
20	150	W	XT100W0157(1)020(2)	30.0	8	0.25	0.894	0.537	0.358
20	180	W	XT100W0187(1)020(2)	36.0	8	0.25	0.894	0.537	0.358
20	180	G	XT100G0187(1)020(2)	36.0	8	0.25	0.98	0.588	0.392
20	180	S	XT100S0187(1)020(2)	36.0	8	0.25	1.058	0.635	0.423
20	180	T	XT100T0187(1)020(2)	36.0	8	0.2	1.285	0.771	0.514
20	220	E	XT100E0227(1)020(2)	44.0	12	0.9	0.373	0.224	0.149
20	220	V	XT100V0227(1)020(2)	44.0	12	0.9	0.408	0.245	0.163
20	220	W	XT100W0227(1)020(2)	44.0	10	0.2	1	0.6	0.4
20	220	G	XT100G0227(1)020(2)	44.0	10	0.2	1.095	0.657	0.438
20	220	S	XT100S0227(1)020(2)	44.0	10	0.2	1.183	0.71	0.473
20	220	T	XT100T0227(1)020(2)	44.0	10	0.2	1.285	0.771	0.514
20	270	W	XT100W0277(1)020(2)	54.0	10	0.2	1	0.6	0.4
20	270	G	XT100G0277(1)020(2)	54.0	10	0.2	1.095	0.657	0.438



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20	270	S	XT100S0277(1)020(2)	54.0	10	0.2	1.183	0.71	0.473
20	270	T	XT100T0277(1)020(2)	54.0	10	0.2	1.285	0.771	0.514
20	330	E	XT100E0337(1)020(2)	66.0	12	0.8	0.395	0.237	0.158
20	330	V	XT100V0337(1)020(2)	66.0	12	0.8	0.433	0.26	0.173
20	330	W	XT100W0337(1)020(2)	66.0	10	0.2	1	0.6	0.4
20	330	G	XT100G0337(1)020(2)	66.0	10	0.2	1.095	0.657	0.438
20	330	S	XT100S0337(1)020(2)	66.0	10	0.2	1.183	0.71	0.473
20	330	T	XT100T0337(1)020(2)	66.0	10	0.2	1.285	0.771	0.514
20	390	T	XT100T0397(1)020(2)	78.0	10	0.2	1.285	0.771	0.514
20	470	T	XT100T0477(1)020(2)	94.0	12	0.18	1.354	0.812	0.542
25	0.15	R	XT100R0154(1)025(2)	0.5	4	24	0.048	0.029	0.019
25	0.22	R	XT100R0224(1)025(2)	0.5	4	21	0.051	0.031	0.02
25	0.33	R	XT100R0334(1)025(2)	0.5	4	17	0.057	0.034	0.023
25	0.33	A	XT100A0334(1)025(2)	0.5	4	15	0.066	0.039	0.026
25	0.47	R	XT100R0474(1)025(2)	0.5	4	15	0.061	0.036	0.024
25	0.47	A2	XT100A2474(1)025(2)	0.5	4	9	0.085	0.051	0.034
25	0.47	A3	XT100A3474(1)025(2)	0.5	4	13	0.073	0.044	0.029
25	0.68	R	XT100R0684(1)025(2)	0.5	4	13	0.065	0.039	0.026
25	0.68	A2	XT100A2684(1)025(2)	0.5	4	8	0.09	0.054	0.036
25	0.68	A	XT100A0684(1)025(2)	0.5	4	10	0.081	0.048	0.032
25	0.68	B	XT100B0684(1)025(2)	0.5	4	7.5	0.1	0.06	0.04
25	1	R	XT100R0105(1)025(2)	0.5	4	8	0.083	0.05	0.033
25	1	P	XT100P0105(1)025(2)	0.5	4	11	0.074	0.044	0.03
25	1	A2	XT100A2105(1)025(2)	0.5	6	18	0.06	0.036	0.024
25	1	A3	XT100A3105(1)025(2)	0.5	4	7.5	0.097	0.058	0.039
25	1	B	XT100B0105(1)025(2)	0.5	4	5	0.122	0.073	0.049
25	1.5	P	XT100P0155(1)025(2)	0.5	6	9.6	0.079	0.047	0.032
25	1.5	A2	XT100A2155(1)025(2)	0.5	6	5.4	0.11	0.066	0.044
25	1.5	A3	XT100A3155(1)025(2)	0.5	4	6.7	0.102	0.061	0.041
25	1.5	B2	XT100B2155(1)025(2)	0.5	6	5	0.126	0.076	0.051
25	1.5	B	XT100B0155(1)025(2)	0.5	6	5	0.122	0.073	0.049
25	2.2	A3	XT100A3225(1)025(2)	0.6	6	6.3	0.105	0.063	0.042
25	2.2	B2	XT100B2225(1)025(2)	0.6	6	4.5	0.133	0.08	0.053
25	2.2	B	XT100B0225(1)025(2)	0.6	6	4.5	0.129	0.077	0.052
25	2.2	C	XT100C0225(1)025(2)	0.6	6	3.5	0.16	0.096	0.064
25	3.3	A	XT100A0335(1)025(2)	0.8	6	3.7	0.133	0.08	0.053
25	3.3	B2	XT100B2335(1)025(2)	0.8	6	3.5	0.151	0.091	0.06
25	3.3	B	XT100B0335(1)025(2)	0.8	6	3.5	0.146	0.088	0.059
25	3.3	I	XT100I0335(1)025(2)	0.8	6	1.6	0.237	0.142	0.095
25	3.3	C	XT100C0335(1)025(2)	0.8	6	2.5	0.19	0.114	0.076
25	4.7	A	XT100A0475(1)025(2)	1.2	6	1.5	0.208	0.125	0.083
25	4.7	B2	XT100B2475(1)025(2)	1.2	6	3.1	0.161	0.096	0.064
25	4.7	B	XT100B0475(1)025(2)	1.2	6	1.5	0.224	0.134	0.089
25	4.7	I	XT100I0475(1)025(2)	1.2	6	1.5	0.245	0.147	0.098
25	4.7	C	XT100C0475(1)025(2)	1.2	6	2.4	0.194	0.116	0.077
25	6.8	B	XT100B0685(1)025(2)	1.7	6	2.8	0.164	0.098	0.065
25	6.8	I	XT100I0685(1)025(2)	1.7	6	2	0.212	0.127	0.085
25	6.8	C	XT100C0685(1)025(2)	1.7	6	1.9	0.218	0.131	0.087
25	6.8	H	XT100H0685(1)025(2)	1.7	6	1.4	0.299	0.179	0.12
25	6.8	D	XT100D0685(1)025(2)	1.7	6	1.4	0.274	0.164	0.11
25	10	B	XT100B0106(1)025(2)	2.5	6	2.5	0.173	0.104	0.069



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25	10	I	XT100I0106(1)025(2)	2.5	6	1.8	0.224	0.134	0.089
25	10	C	XT100C0106(1)025(2)	2.5	6	1.5	0.245	0.147	0.098
25	10	H	XT100H0106(1)025(2)	2.5	6	1.2	0.323	0.194	0.129
25	10	D	XT100D0106(1)025(2)	2.5	6	1	0.324	0.194	0.13
25	15	C	XT100C0156(1)025(2)	3.8	6	1.5	0.245	0.147	0.098
25	15	H	XT100H0156(1)025(2)	3.8	6	1	0.354	0.212	0.141
25	15	D	XT100D0156(1)025(2)	3.8	6	0.9	0.342	0.205	0.137
25	15	V1	XT100V1156(1)025(2)	3.8	6	1	0.432	0.259	0.173
25	15	F	XT100F0156(1)025(2)	3.8	6	1	0.424	0.255	0.17
25	22	C	XT100C0226(1)025(2)	5.5	6	1.4	0.254	0.152	0.101
25	22	H	XT100H0226(1)025(2)	5.5	6	0.8	0.395	0.237	0.158
25	22	D	XT100D0226(1)025(2)	5.5	6	0.8	0.362	0.217	0.145
25	22	V1	XT100V1226(1)025(2)	5.5	6	0.7	0.517	0.31	0.207
25	22	F	XT100F0226(1)025(2)	5.5	6	0.5	0.6	0.36	0.24
25	33	H	XT100H0336(1)025(2)	8.3	6	0.5	0.5	0.3	0.2
25	33	D	XT100D0336(1)025(2)	8.3	6	0.7	0.387	0.232	0.155
25	33	E	XT100E0336(1)025(2)	8.3	6	0.9	0.373	0.224	0.149
25	33	F	XT100F0336(1)025(2)	8.3	6	0.5	0.6	0.36	0.24
25	47	H	XT100H0476(1)025(2)	11.8	6	0.9	0.373	0.224	0.149
25	47	D	XT100D0476(1)025(2)	11.8	6	0.7	0.387	0.232	0.155
25	47	E	XT100E0476(1)025(2)	11.8	6	0.9	0.373	0.224	0.149
25	47	F	XT100F0476(1)025(2)	11.8	6	0.4	0.671	0.402	0.268
25	47	W	XT100W0476(1)025(2)	11.8	6	0.3	0.816	0.49	0.327
25	47	G	XT100G0476(1)025(2)	11.8	6	0.3	0.894	0.537	0.358
25	47	S	XT100S0476(1)025(2)	11.8	6	0.3	0.966	0.58	0.386
25	56	W	XT100W0566(1)025(2)	14.0	6	0.3	0.816	0.49	0.327
25	56	G	XT100G0566(1)025(2)	14.0	6	0.3	0.894	0.537	0.358
25	56	S	XT100S0566(1)025(2)	14.0	6	0.3	0.966	0.58	0.386
25	68	D	XT100D0686(1)025(2)	17.0	6	0.7	0.387	0.232	0.155
25	68	E	XT100E0686(1)025(2)	17.0	6	0.9	0.373	0.224	0.149
25	68	V	XT100V0686(1)025(2)	17.0	6	0.7	0.463	0.278	0.185
25	68	W	XT100W0686(1)025(2)	17.0	6	0.3	0.816	0.49	0.327
25	68	G	XT100G0686(1)025(2)	17.0	6	0.3	0.894	0.537	0.358
25	68	S	XT100S0686(1)025(2)	17.0	6	0.3	0.966	0.58	0.386
25	82	W	XT100W0826(1)025(2)	20.5	6	0.3	0.816	0.49	0.327
25	82	G	XT100G0826(1)025(2)	20.5	6	0.3	0.894	0.537	0.358
25	82	S	XT100S0826(1)025(2)	20.5	6	0.3	0.966	0.58	0.386
25	100	E	XT100E0107(1)025(2)	25.0	10	0.3	0.645	0.387	0.258
25	100	V	XT100V0107(1)025(2)	25.0	8	0.3	0.707	0.424	0.283
25	100	W	XT100W0107(1)025(2)	25.0	8	0.25	0.894	0.537	0.358
25	100	G	XT100G0107(1)025(2)	25.0	8	0.25	0.98	0.588	0.392
25	100	S	XT100S0107(1)025(2)	25.0	8	0.25	1.058	0.635	0.423
25	150	E	XT100E0157(1)025(2)	37.5	10	0.8	0.395	0.237	0.158
25	150	V	XT100V0157(1)025(2)	37.5	10	0.4	0.612	0.367	0.245
25	150	W	XT100W0157(1)025(2)	37.5	8	0.25	0.894	0.537	0.358
25	150	G	XT100G0157(1)025(2)	37.5	8	0.25	0.98	0.588	0.392
25	150	S	XT100S0157(1)025(2)	37.5	8	0.25	1.058	0.635	0.423
25	150	T	XT100T0157(1)025(2)	37.5	8	0.2	1.285	0.771	0.514
25	180	W	XT100W0187(1)025(2)	45.0	8	0.25	0.894	0.537	0.358
25	180	G	XT100G0187(1)025(2)	45.0	8	0.25	0.98	0.588	0.392
25	180	S	XT100S0187(1)025(2)	45.0	8	0.25	1.058	0.635	0.423



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25	180	T	XT100T0187(1)025(2)	45.0	8	0.2	1.285	0.771	0.514
25	220	G	XT100G0227(1)025(2)	55.0	10	0.2	1.095	0.657	0.438
25	220	S	XT100S0227(1)025(2)	55.0	10	0.2	1.183	0.71	0.473
25	220	T	XT100T0227(1)025(2)	55.0	10	0.2	1.285	0.771	0.514
25	270	T	XT100T0277(1)025(2)	67.5	10	0.2	1.285	0.771	0.514
25	330	T	XT100T0337(1)025(2)	82.5	10	0.2	1.285	0.771	0.514
35	0.1	R	XT100R0104(1)035(2)	0.5	4	29	0.044	0.026	0.017
35	0.1	A2	XT100A2104(1)035(2)	0.5	4	24	0.052	0.031	0.021
35	0.1	A3	XT100A3104(1)035(2)	0.5	4	20	0.059	0.035	0.024
35	0.15	R	XT100R0154(1)035(2)	0.5	4	24	0.048	0.029	0.019
35	0.15	A2	XT100A2154(1)035(2)	0.5	4	21	0.056	0.033	0.022
35	0.15	A3	XT100A3154(1)035(2)	0.5	4	19	0.061	0.036	0.024
35	0.22	R	XT100R0224(1)035(2)	0.5	4	21	0.051	0.031	0.02
35	0.22	A2	XT100A2224(1)035(2)	0.5	4	18	0.06	0.036	0.024
35	0.22	A	XT100A0224(1)035(2)	0.5	4	18	0.06	0.036	0.024
35	0.33	R	XT100R0334(1)035(2)	0.5	4	17	0.057	0.034	0.023
35	0.33	A2	XT100A2334(1)035(2)	0.5	4	15	0.066	0.039	0.026
35	0.33	A	XT100A0334(1)035(2)	0.5	4	15	0.066	0.039	0.026
35	0.47	R	XT100R0474(1)035(2)	0.5	4	15	0.061	0.036	0.024
35	0.47	A2	XT100A2474(1)035(2)	0.5	4	12	0.074	0.044	0.029
35	0.47	A	XT100A0474(1)035(2)	0.5	4	12	0.074	0.044	0.029
35	0.47	B2	XT100B2474(1)035(2)	0.5	4	10	0.089	0.054	0.036
35	0.47	B	XT100B0474(1)035(2)	0.5	4	8	0.097	0.058	0.039
35	0.68	P	XT100P0684(1)035(2)	0.5	4	13	0.068	0.041	0.027
35	0.68	A2	XT100A2684(1)035(2)	0.5	4	8	0.09	0.054	0.036
35	0.68	A3	XT100A3684(1)035(2)	0.5	4	8	0.094	0.056	0.037
35	0.68	B2	XT100B2684(1)035(2)	0.5	4	8	0.1	0.06	0.04
35	0.68	B	XT100B0684(1)035(2)	0.5	4	6.5	0.107	0.064	0.043
35	1	P	XT100P0105(1)035(2)	0.5	4	11	0.074	0.044	0.03
35	1	A2	XT100A2105(1)035(2)	0.5	4	7.5	0.093	0.056	0.037
35	1	A3	XT100A3105(1)035(2)	0.5	4	7.5	0.097	0.058	0.039
35	1	B2	XT100B2105(1)035(2)	0.5	4	6.5	0.111	0.067	0.044
35	1	B	XT100B0105(1)035(2)	0.5	4	4	0.137	0.082	0.055
35	1.5	A3	XT100A3155(1)035(2)	0.5	6	7	0.1	0.06	0.04
35	1.5	B2	XT100B2155(1)035(2)	0.5	6	5.2	0.124	0.074	0.05
35	1.5	B	XT100B0155(1)035(2)	0.5	6	5	0.122	0.073	0.049
35	1.5	C	XT100C0155(1)035(2)	0.5	6	4.5	0.141	0.085	0.057
35	2.2	A	XT100A0225(1)035(2)	0.8	6	4.5	0.12	0.072	0.048
35	2.2	B2	XT100B2225(1)035(2)	0.8	6	4.2	0.138	0.083	0.055
35	2.2	B	XT100B0225(1)035(2)	0.8	6	4	0.137	0.082	0.055
35	2.2	C	XT100C0225(1)035(2)	0.8	6	3.2	0.168	0.101	0.067
35	3.3	B	XT100B0335(1)035(2)	1.2	6	3.5	0.146	0.088	0.059
35	3.3	I	XT100I0335(1)035(2)	1.2	6	2.2	0.202	0.121	0.081
35	3.3	C	XT100C0335(1)035(2)	1.2	6	2.5	0.19	0.114	0.076
35	4.7	B	XT100B0475(1)035(2)	1.6	6	3.1	0.156	0.093	0.062
35	4.7	I	XT100I0475(1)035(2)	1.6	6	2.2	0.202	0.121	0.081
35	4.7	C	XT100C0475(1)035(2)	1.6	6	2.2	0.202	0.121	0.081
35	4.7	H	XT100H0475(1)035(2)	1.6	6	1.5	0.289	0.173	0.115
35	4.7	D	XT100D0475(1)035(2)	1.6	6	1.5	0.265	0.159	0.106
35	6.8	B	XT100B0685(1)035(2)	2.4	6	1.8	0.204	0.122	0.082
35	6.8	C	XT100C0685(1)035(2)	2.4	6	1.8	0.224	0.134	0.089



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35	6.8	H	XT100H0685(1)035(2)	2.4	6	1.3	0.31	0.186	0.124
35	6.8	D	XT100D0685(1)035(2)	2.4	6	1.3	0.284	0.171	0.114
35	6.8	V1	XT100V1685(1)035(2)	2.4	6	1.2	0.395	0.237	0.158
35	10	C	XT100C0106(1)035(2)	3.5	6	1.6	0.237	0.142	0.095
35	10	D2	XT100D2106(1)035(2)	3.5	6	0.7	0.378	0.227	0.151
35	10	H	XT100H0106(1)035(2)	3.5	6	1.1	0.337	0.202	0.135
35	10	D	XT100D0106(1)035(2)	3.5	6	1	0.324	0.194	0.13
35	10	E	XT100E0106(1)035(2)	3.5	6	0.9	0.373	0.224	0.149
35	10	V1	XT100V1106(1)035(2)	3.5	6	2	0.306	0.183	0.122
35	10	F	XT100F0106(1)035(2)	3.5	6	1.2	0.387	0.232	0.155
35	15	C	XT100C0156(1)035(2)	5.3	6	1.4	0.254	0.152	0.101
35	15	H	XT100H0156(1)035(2)	5.3	6	0.6	0.456	0.274	0.183
35	15	D	XT100D0156(1)035(2)	5.3	6	0.8	0.362	0.217	0.145
35	15	E	XT100E0156(1)035(2)	5.3	6	0.9	0.373	0.224	0.149
35	15	F	XT100F0156(1)035(2)	5.3	6	0.7	0.507	0.304	0.203
35	22	C	XT100C0226(1)035(2)	7.7	6	1.4	0.254	0.152	0.101
35	22	H	XT100H0226(1)035(2)	7.7	6	0.5	0.5	0.3	0.2
35	22	D	XT100D0226(1)035(2)	7.7	6	0.7	0.387	0.232	0.155
35	22	E	XT100E0226(1)035(2)	7.7	6	0.5	0.5	0.3	0.2
35	22	F	XT100F0226(1)035(2)	7.7	6	0.5	0.6	0.36	0.24
35	33	D	XT100D0336(1)035(2)	11.6	6	0.9	0.342	0.205	0.137
35	33	E	XT100E0336(1)035(2)	11.6	6	0.9	0.373	0.224	0.149
35	33	V	XT100V0336(1)035(2)	11.6	6	0.5	0.548	0.329	0.219
35	47	D	XT100D0476(1)035(2)	16.5	8	1.2	0.296	0.177	0.118
35	47	E	XT100E0476(1)035(2)	16.5	6	0.9	0.373	0.224	0.149
35	47	V	XT100V0476(1)035(2)	16.5	6	0.4	0.612	0.367	0.245
35	47	W	XT100W0476(1)035(2)	16.5	6	0.3	0.816	0.49	0.327
35	47	G	XT100G0476(1)035(2)	16.5	6	0.3	0.894	0.537	0.358
35	47	S	XT100S0476(1)035(2)	16.5	6	0.3	0.966	0.58	0.386
35	56	W	XT100W0566(1)035(2)	19.6	6	0.3	0.816	0.49	0.327
35	56	G	XT100G0566(1)035(2)	19.6	6	0.3	0.894	0.537	0.358
35	56	S	XT100S0566(1)035(2)	19.6	6	0.3	0.966	0.58	0.386
35	56	T	XT100T0566(1)035(2)	19.6	6	0.3	1.049	0.629	0.42
35	68	E	XT100E0686(1)035(2)	23.8	8	1	0.354	0.212	0.141
35	68	V	XT100V0686(1)035(2)	23.8	6	0.5	0.548	0.329	0.219
35	68	W	XT100W0686(1)035(2)	23.8	6	0.3	0.816	0.49	0.327
35	68	G	XT100G0686(1)035(2)	23.8	6	0.3	0.894	0.537	0.358
35	68	S	XT100S0686(1)035(2)	23.8	6	0.3	0.966	0.58	0.386
35	68	T	XT100T0686(1)035(2)	23.8	6	0.25	1.149	0.689	0.46
35	82	G	XT100G0826(1)035(2)	28.7	6	0.3	0.894	0.537	0.358
35	82	S	XT100S0826(1)035(2)	28.7	6	0.3	0.966	0.58	0.386
35	82	T	XT100T0826(1)035(2)	28.7	6	0.25	1.149	0.689	0.46
35	100	G	XT100G0107(1)035(2)	35.0	8	0.25	0.98	0.588	0.392
35	100	S	XT100S0107(1)035(2)	35.0	8	0.25	1.058	0.635	0.423
35	100	T	XT100T0107(1)035(2)	35.0	8	0.25	1.149	0.689	0.46
35	150	T	XT100T0157(1)035(2)	52.5	8	0.2	1.285	0.771	0.514
40	0.1	A	XT100A0104(1)040(2)	0.5	4	23	0.053	0.032	0.021
40	0.15	A	XT100A0154(1)040(2)	0.5	4	19	0.058	0.035	0.023
40	0.22	A	XT100A0224(1)040(2)	0.5	4	16	0.064	0.038	0.025
40	0.33	A	XT100A0334(1)040(2)	0.5	6	14	0.068	0.041	0.027
40	0.33	B	XT100B0334(1)040(2)	0.5	4	14	0.073	0.044	0.029



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40	0.47	A	XT100A0474(1)040(2)	0.5	6	9	0.085	0.051	0.034
40	0.47	B	XT100B0474(1)040(2)	0.5	4	9	0.091	0.055	0.037
40	0.68	A	XT100A0684(1)040(2)	0.5	6	20	0.057	0.034	0.023
40	0.68	B	XT100B0684(1)040(2)	0.5	4	7.5	0.1	0.06	0.04
40	0.68	C	XT100C0684(1)040(2)	0.5	4	7.5	0.11	0.066	0.044
40	1	B	XT100B0105(1)040(2)	0.5	6	6.5	0.107	0.064	0.043
40	1	C	XT100C0105(1)040(2)	0.5	4	6	0.122	0.073	0.049
40	1.5	A	XT100A0155(1)040(2)	0.6	6	6.6	0.099	0.06	0.04
40	1.5	B	XT100B0155(1)040(2)	0.6	6	4.5	0.129	0.077	0.052
40	1.5	C	XT100C0155(1)040(2)	0.6	6	4.5	0.141	0.085	0.057
40	2.2	C	XT100C0225(1)040(2)	0.9	6	3.2	0.168	0.101	0.067
40	2.2	D	XT100D0225(1)040(2)	0.9	6	3	0.187	0.112	0.075
40	3.3	C	XT100C0335(1)040(2)	1.3	6	2.4	0.194	0.116	0.077
40	3.3	D	XT100D0335(1)040(2)	1.3	6	2	0.229	0.137	0.092
40	4.7	C	XT100C0475(1)040(2)	1.9	6	2	0.212	0.127	0.085
40	4.7	D	XT100D0475(1)040(2)	1.9	6	1.5	0.265	0.159	0.106
40	6.8	D	XT100D0685(1)040(2)	2.7	6	1.2	0.296	0.177	0.118
40	6.8	E	XT100E0685(1)040(2)	2.7	6	1.2	0.323	0.194	0.129
40	10	D	XT100D0106(1)040(2)	4.0	6	1	0.324	0.194	0.13
40	10	E	XT100E0106(1)040(2)	4.0	6	1	0.354	0.212	0.141
40	15	E	XT100E0156(1)040(2)	6.0	6	0.9	0.373	0.224	0.149
40	22	E	XT100E0226(1)040(2)	8.8	6	0.9	0.373	0.224	0.149
40	22	W	XT100W0226(1)040(2)	8.8	6	0.4	0.707	0.424	0.283
40	27	W	XT100W0276(1)040(2)	10.8	6	0.3	0.816	0.49	0.327
40	33	W	XT100W0336(1)040(2)	13.2	6	0.3	0.816	0.49	0.327
40	33	G	XT100G0336(1)040(2)	13.2	6	0.3	0.894	0.537	0.358
40	33	S	XT100S0336(1)040(2)	13.2	6	0.3	0.966	0.58	0.386
40	39	G	XT100G0396(1)040(2)	15.6	6	0.3	0.894	0.537	0.358
40	39	S	XT100S0396(1)040(2)	15.6	6	0.3	0.966	0.58	0.386
40	39	T	XT100T0396(1)040(2)	15.6	6	0.3	1.049	0.629	0.42
40	47	S	XT100S0476(1)040(2)	18.8	6	0.3	0.966	0.58	0.386
40	47	T	XT100T0476(1)040(2)	18.8	6	0.3	1.049	0.629	0.42
40	56	T	XT100T0566(1)040(2)	22.4	6	0.3	1.049	0.629	0.42
40	68	T	XT100T0686(1)040(2)	27.2	6	0.25	1.149	0.689	0.46
40	82	T	XT100T0826(1)040(2)	32.8	6	0.25	1.149	0.689	0.46
40	100	T	XT100T0107(1)040(2)	40.0	8	0.25	1.149	0.689	0.46
50	0.1	A2	XT100A2104(1)050(2)	0.5	4	19	0.058	0.035	0.023
50	0.1	A3	XT100A3104(1)050(2)	0.5	4	20	0.059	0.035	0.024
50	0.15	A2	XT100A2154(1)050(2)	0.5	4	16	0.064	0.038	0.025
50	0.15	A	XT100A0154(1)050(2)	0.5	4	15	0.066	0.039	0.026
50	0.15	B	XT100B0154(1)050(2)	0.5	4	16	0.068	0.041	0.027
50	0.22	R	XT100R0224(1)050(2)	0.5	4	17	0.057	0.034	0.023
50	0.22	P	XT100P0224(1)050(2)	0.5	4	17	0.059	0.036	0.024
50	0.22	A2	XT100A2224(1)050(2)	0.5	4	13	0.071	0.042	0.028
50	0.22	A	XT100A0224(1)050(2)	0.5	4	14	0.068	0.041	0.027
50	0.22	B	XT100B0224(1)050(2)	0.5	4	14	0.073	0.044	0.029
50	0.33	R	XT100R0334(1)050(2)	0.5	4	17	0.057	0.034	0.023
50	0.33	P	XT100P0334(1)050(2)	0.5	4	17	0.059	0.036	0.024
50	0.33	A2	XT100A2334(1)050(2)	0.5	4	11	0.077	0.046	0.031
50	0.33	A3	XT100A3334(1)050(2)	0.5	4	14	0.071	0.042	0.028
50	0.33	B2	XT100B2334(1)050(2)	0.5	4	11	0.085	0.051	0.034



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50	0.33	B	XT100B0334(1)050(2)	0.5	4	10	0.087	0.052	0.035
50	0.47	A2	XT100A2474(1)050(2)	0.5	4	9.5	0.083	0.05	0.033
50	0.47	A	XT100A0474(1)050(2)	0.5	4	9.5	0.083	0.05	0.033
50	0.47	B2	XT100B2474(1)050(2)	0.5	4	9.5	0.092	0.055	0.037
50	0.47	B	XT100B0474(1)050(2)	0.5	4	9	0.091	0.055	0.037
50	0.47	C	XT100C0474(1)050(2)	0.5	4	8	0.106	0.064	0.042
50	0.68	A	XT100A0684(1)050(2)	0.5	4	7.9	0.091	0.054	0.036
50	0.68	B	XT100B0684(1)050(2)	0.5	4	8	0.097	0.058	0.039
50	0.68	C	XT100C0684(1)050(2)	0.5	4	7	0.113	0.068	0.045
50	1	A	XT100A0105(1)050(2)	0.5	4	6.6	0.099	0.06	0.04
50	1	B	XT100B0105(1)050(2)	0.5	6	6	0.112	0.067	0.045
50	1	I	XT100I0105(1)050(2)	0.5	4	6	0.122	0.073	0.049
50	1	C	XT100C0105(1)050(2)	0.5	4	5	0.134	0.08	0.054
50	1	H	XT100H0105(1)050(2)	0.5	4	7	0.134	0.08	0.053
50	1	V1	XT100V1105(1)050(2)	0.5	4	6	0.177	0.106	0.071
50	1.5	B	XT100B0155(1)050(2)	0.8	8	5.4	0.118	0.071	0.047
50	1.5	I	XT100I0155(1)050(2)	0.8	6	3.1	0.17	0.102	0.068
50	1.5	C	XT100C0155(1)050(2)	0.8	6	4.5	0.141	0.085	0.057
50	1.5	H	XT100H0155(1)050(2)	0.8	6	4	0.177	0.106	0.071
50	1.5	D	XT100D0155(1)050(2)	0.8	6	3.5	0.173	0.104	0.069
50	2.2	B	XT100B0225(1)050(2)	1.1	8	4.5	0.129	0.077	0.052
50	2.2	C	XT100C0225(1)050(2)	1.1	6	2.5	0.19	0.114	0.076
50	2.2	H	XT100H0225(1)050(2)	1.1	6	2.5	0.224	0.134	0.089
50	2.2	D	XT100D0225(1)050(2)	1.1	6	2.5	0.205	0.123	0.082
50	3.3	C	XT100C0335(1)050(2)	1.7	6	2	0.212	0.127	0.085
50	3.3	H	XT100H0335(1)050(2)	1.7	6	2	0.25	0.15	0.1
50	3.3	D	XT100D0335(1)050(2)	1.7	6	2	0.229	0.137	0.092
50	4.7	C	XT100C0475(1)050(2)	2.4	4	1.4	0.254	0.152	0.101
50	4.7	H	XT100H0475(1)050(2)	2.4	6	1.5	0.289	0.173	0.115
50	4.7	D	XT100D0475(1)050(2)	2.4	6	1.2	0.296	0.177	0.118
50	6.8	C	XT100C0685(1)050(2)	3.4	6	1	0.3	0.18	0.12
50	6.8	H	XT100H0685(1)050(2)	3.4	6	0.9	0.373	0.224	0.149
50	6.8	D	XT100D0685(1)050(2)	3.4	6	1	0.324	0.194	0.13
50	6.8	E	XT100E0685(1)050(2)	3.4	6	1.5	0.289	0.173	0.115
50	6.8	F	XT100F0685(1)050(2)	3.4	6	1	0.424	0.255	0.17
50	10	D	XT100D0106(1)050(2)	5.0	6	0.8	0.362	0.217	0.145
50	10	E	XT100E0106(1)050(2)	5.0	6	1	0.354	0.212	0.141
50	10	F	XT100F0106(1)050(2)	5.0	6	0.5	0.6	0.36	0.24
50	10	V	XT100V0106(1)050(2)	5.0	6	0.65	0.48	0.288	0.192
50	15	D	XT100D0156(1)050(2)	7.5	6	0.6	0.418	0.251	0.167
50	15	E	XT100E0156(1)050(2)	7.5	6	0.6	0.456	0.274	0.183
50	15	V	XT100V0156(1)050(2)	7.5	6	0.6	0.5	0.3	0.2
50	15	W	XT100W0156(1)050(2)	7.5	6	0.4	0.707	0.424	0.283
50	18	W	XT100W0186(1)050(2)	9.0	6	0.4	0.707	0.424	0.283
50	22	E	XT100E0226(1)050(2)	11.0	8	0.9	0.373	0.224	0.149
50	22	V	XT100V0226(1)050(2)	11.0	8	0.6	0.5	0.3	0.2
50	22	W	XT100W0226(1)050(2)	11.0	6	0.4	0.707	0.424	0.283
50	22	G	XT100G0226(1)050(2)	11.0	6	0.4	0.775	0.465	0.31
50	22	S	XT100S0226(1)050(2)	11.0	6	0.4	0.837	0.502	0.335
50	27	W	XT100W0276(1)050(2)	13.5	6	0.3	0.816	0.49	0.327
50	27	G	XT100G0276(1)050(2)	13.5	6	0.3	0.894	0.537	0.358



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50	27	S	XT100S0276(1)050(2)	13.5	6	0.3	0.966	0.58	0.386
50	27	T	XT100T0276(1)050(2)	13.5	6	0.3	1.049	0.629	0.42
50	33	W	XT100W0336(1)050(2)	16.5	6	0.3	0.816	0.49	0.327
50	33	G	XT100G0336(1)050(2)	16.5	6	0.3	0.894	0.537	0.358
50	33	S	XT100S0336(1)050(2)	16.5	6	0.3	0.966	0.58	0.386
50	33	T	XT100T0336(1)050(2)	16.5	6	0.3	1.049	0.629	0.42
50	39	S	XT100S0396(1)050(2)	19.5	6	0.3	0.966	0.58	0.386
50	39	T	XT100T0396(1)050(2)	19.5	6	0.3	1.049	0.629	0.42
50	47	S	XT100S0476(1)050(2)	23.5	6	0.3	0.966	0.58	0.386
50	47	T	XT100T0476(1)050(2)	23.5	6	0.3	1.049	0.629	0.42
50	56	T	XT100T0566(1)050(2)	28.0	6	0.3	1.049	0.629	0.42
50	68	T	XT100T0686(1)050(2)	34.0	6	0.25	1.149	0.689	0.46
50	82	T	XT100T0826(1)050(2)	41.0	6	0.25	1.149	0.689	0.46
50	100	T	XT100T0107(1)050(2)	50.0	8	0.25	1.149	0.689	0.46
63	0.33	C	XT100C0334(1)063(2)	0.5	6	9	0.1	0.06	0.04
63	0.47	C	XT100C0474(1)063(2)	0.5	6	7	0.113	0.068	0.045
63	0.68	C	XT100C0684(1)063(2)	0.5	6	6	0.122	0.073	0.049
63	1	C	XT100C0105(1)063(2)	0.6	6	5	0.134	0.08	0.054
63	1.5	D	XT100D0155(1)063(2)	0.9	6	3.5	0.173	0.104	0.069
63	2.2	D	XT100D0225(1)063(2)	1.4	6	2	0.229	0.137	0.092
63	3.3	D	XT100D0335(1)063(2)	2.1	6	1.5	0.265	0.159	0.106
63	4.7	E	XT100E0475(1)063(2)	3.0	6	1	0.354	0.212	0.141
63	6.8	E	XT100E0685(1)063(2)	4.3	6	0.8	0.395	0.237	0.158
63	10	E	XT100E0106(1)063(2)	6.3	8	0.6	0.456	0.274	0.183
63	10	W	XT100W0106(1)063(2)	6.3	6	0.4	0.707	0.424	0.283
63	12	W	XT100W0126(1)063(2)	7.6	6	0.4	0.707	0.424	0.283
63	12	G	XT100G0126(1)063(2)	7.6	6	0.4	0.775	0.465	0.31
63	12	S	XT100S0126(1)063(2)	7.6	6	0.4	0.837	0.502	0.335
63	15	E	XT100E0156(1)063(2)	9.5	8	0.4	0.559	0.335	0.224
63	15	V	XT100V0156(1)063(2)	9.5	8	0.4	0.612	0.367	0.245
63	15	W	XT100W0156(1)063(2)	9.5	6	0.4	0.707	0.424	0.283
63	15	G	XT100G0156(1)063(2)	9.5	6	0.4	0.775	0.465	0.31
63	15	S	XT100S0156(1)063(2)	9.5	6	0.4	0.837	0.502	0.335
63	15	T	XT100T0156(1)063(2)	9.5	6	0.35	0.971	0.583	0.388
63	18	W	XT100W0186(1)063(2)	11.3	6	0.4	0.707	0.424	0.283
63	18	G	XT100G0186(1)063(2)	11.3	6	0.4	0.775	0.465	0.31
63	18	S	XT100S0186(1)063(2)	11.3	6	0.4	0.837	0.502	0.335
63	18	T	XT100T0186(1)063(2)	11.3	6	0.35	0.971	0.583	0.388
63	22	V	XT100V0226(1)063(2)	13.9	8	0.4	0.612	0.367	0.245
63	22	W	XT100W0226(1)063(2)	13.9	6	0.4	0.707	0.424	0.283
63	22	G	XT100G0226(1)063(2)	13.9	6	0.4	0.775	0.465	0.31
63	22	S	XT100S0226(1)063(2)	13.9	6	0.4	0.837	0.502	0.335
63	22	T	XT100T0226(1)063(2)	13.9	6	0.35	0.971	0.583	0.388
63	27	T	XT100T0276(1)063(2)	17.0	6	0.3	1.049	0.629	0.42
63	33	T	XT100T0336(1)063(2)	20.8	6	0.3	1.049	0.629	0.42
63	39	T	XT100T0396(1)063(2)	24.6	6	0.3	1.049	0.629	0.42
63	47	T	XT100T0476(1)063(2)	29.6	6	0.3	1.049	0.629	0.42
63	56	T	XT100T0566(1)063(2)	35.3	6	0.3	1.049	0.629	0.42
63	68	T	XT100T0686(1)063(2)	42.8	6	0.25	1.149	0.689	0.46
75	0.22	C	XT100C0224(1)075(2)	0.5	6	11	0.09	0.054	0.036
75	0.33	C	XT100C0334(1)075(2)	0.5	6	9	0.1	0.06	0.04



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75	0.47	C	XT100C0474(1)075(2)	0.5	6	7	0.113	0.068	0.045
75	0.68	C	XT100C0684(1)075(2)	0.5	6	6	0.122	0.073	0.049
75	1	D	XT100D0105(1)075(2)	0.8	6	4.5	0.153	0.092	0.061
75	1.5	D	XT100D0155(1)075(2)	1.1	6	3.5	0.173	0.104	0.069
75	2.2	E	XT100E0225(1)075(2)	1.7	6	1.8	0.264	0.158	0.105
75	3.3	E	XT100E0335(1)075(2)	2.5	6	1.3	0.31	0.186	0.124
75	4.7	E	XT100E0475(1)075(2)	3.5	6	0.9	0.373	0.224	0.149
75	4.7	V	XT100V0475(1)075(2)	3.5	6	0.9	0.408	0.245	0.163
75	4.7	W	XT100W0475(1)075(2)	3.5	6	0.6	0.577	0.346	0.231
75	5.6	W	XT100W0565(1)075(2)	4.2	6	0.5	0.632	0.379	0.253
75	5.6	G	XT100G0565(1)075(2)	4.2	6	0.55	0.661	0.396	0.264
75	6.8	G	XT100G0685(1)075(2)	5.1	6	0.5	0.693	0.416	0.277
75	6.8	S	XT100S0685(1)075(2)	5.1	6	0.4	0.837	0.502	0.335
75	8.2	G	XT100G0825(1)075(2)	6.2	6	0.5	0.693	0.416	0.277
75	8.2	S	XT100S0825(1)075(2)	6.2	6	0.4	0.837	0.502	0.335
75	10	S	XT100S0106(1)075(2)	7.5	6	0.4	0.837	0.502	0.335
75	10	T	XT100T0106(1)075(2)	7.5	6	0.4	0.908	0.545	0.363
75	12	S	XT100S0126(1)075(2)	9.0	6	0.4	0.837	0.502	0.335
75	12	T	XT100T0126(1)075(2)	9.0	6	0.4	0.908	0.545	0.363
75	15	S	XT100S0156(1)075(2)	11.3	6	0.4	0.837	0.502	0.335
75	15	T	XT100T0156(1)075(2)	11.3	6	0.35	0.971	0.583	0.388
75	18	T	XT100T0186(1)075(2)	13.5	6	0.35	0.971	0.583	0.388
75	22	T	XT100T0226(1)075(2)	16.5	6	0.35	0.971	0.583	0.388
75	27	T	XT100T0276(1)075(2)	20.3	6	0.3	1.049	0.629	0.42
100	0.22	C	XT100C0224(1)100(2)	0.5	6	10	0.095	0.057	0.038
100	0.33	C	XT100C0334(1)100(2)	0.5	6	8	0.106	0.064	0.042
100	0.47	C	XT100C0474(1)100(2)	0.5	6	6.5	0.118	0.071	0.047
100	0.68	D	XT100D0684(1)100(2)	0.7	6	5	0.145	0.087	0.058
100	1	D	XT100D0105(1)100(2)	1.0	6	4.5	0.153	0.092	0.061
100	1.5	E	XT100E0155(1)100(2)	1.5	6	3	0.204	0.122	0.082
100	2.2	E	XT100E0225(1)100(2)	2.2	6	1.5	0.289	0.173	0.115
100	2.2	V	XT100V0225(1)100(2)	2.2	6	1.5	0.316	0.19	0.126
100	4.7	W	XT100W0475(1)100(2)	4.7	6	0.55	0.603	0.362	0.241
100	4.7	G	XT100G0475(1)100(2)	4.7	6	0.6	0.632	0.379	0.253
100	5.6	G	XT100G0565(1)100(2)	5.6	6	0.5	0.693	0.416	0.277
100	5.6	S	XT100S0565(1)100(2)	5.6	6	0.5	0.748	0.449	0.299
100	6.8	S	XT100S0685(1)100(2)	6.8	6	0.4	0.837	0.502	0.335
100	6.8	T	XT100T0685(1)100(2)	6.8	6	0.4	0.908	0.545	0.363
100	8.2	S	XT100S0825(1)100(2)	8.2	6	0.4	0.837	0.502	0.335
100	8.2	T	XT100T0825(1)100(2)	8.2	6	0.4	0.908	0.545	0.363
100	10	S	XT100S0106(1)100(2)	10.0	6	0.4	0.837	0.502	0.335
100	10	T	XT100T0106(1)100(2)	10.0	6	0.4	0.908	0.545	0.363
100	12	T	XT100T0126(1)100(2)	12.0	6	0.4	0.908	0.545	0.363
100	15	T	XT100T0156(1)100(2)	15.0	6	0.35	0.971	0.583	0.388
100	18	T	XT100T0186(1)100(2)	18.0	6	0.35	0.971	0.583	0.388
100	22	T	XT100T0226(1)100(2)	22.0	6	0.3	1.049	0.629	0.42

注：1、禁止使用万用表不分极性的测量钽电容器；

2、电容量、损耗角正切的测量频率为 100Hz， $U_{-} = 2.2^{0}_{-1.0}V$ ， $U_{-} = 1.00^{0}_{-0.5}V$ （有效值）；

3、测量 125℃漏电流时，请施加类别电压；

4、特殊尺寸要求或大容量产品可以向我公司协商生产；