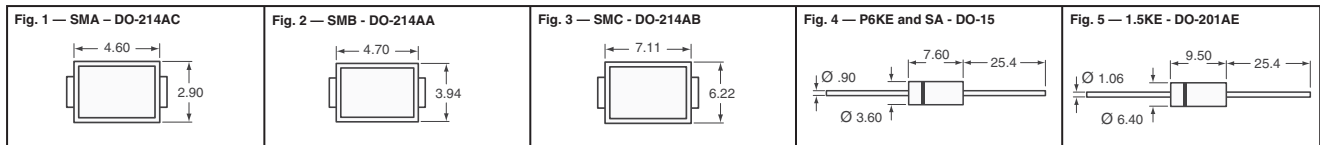


Micro Commercial Components



SMA — DO-214AC Value Chart			SMB — DO-214AA Value Chart			SMC — DO-214AB Value Chart			P6KE — DO-15 Value Chart			1.5KE — DO-201AE Value Chart			SA — DO-15 Value Chart		
5.0	20	75	5.0	10	17	30	51	78	6.8	20	68	6.8	20	68	5.0Δ	15	
6.0	22	78	6.0	11	18	33	54	85	7.5	24	100Δ	7.5	24	100Δ	6.0	20	
6.5	24	85	6.5	12	20	36	58	90	8.2	27	150Δ	8.2	27	150Δ	6.5	30	
7.0	26	90	7.0	13	22	40	60	100	10	30		10	30		10	10	
7.5	28	100	7.5	14	24	43Δ	64	110	12	33		12	33		12	12	
8.0	30	110	8.0	15	26	45	70	120	15	51		15	51				
9.0Δ	33	120	9.0	16	28	48	75	130									
10	36	130															
11	40	150															
12	43	160															
13Δ	45	170															
14	48																
15	51Δ																
16	60																
17	64																
18	70																

Fig.	Direction	Value Range	Watts	Package	Digi-Key Part No.†	Cut Tape Pricing			Tape & Reel‡	
						1	10	100	Qty.	Pricing
SMA										
1	Unidirectional	5.0 ~ 170	400	DO-214AC	SMAJ(Value)A-TPMSCT-ND	.19	1.66	14.16	5,000	94.38/M
	Bidirectional	5.0 ~ 48	400	DO-214AC	SMAJ(Value)CA-TPMSCT-NDΔ	.19	1.66	14.16	5,000	94.38/M
	Bidirectional	60 ~ 170	400	DO-214AC	SMAJ(Value)CA-TPMSCT-NDΔ	.35	3.05	26.14	5,000	174.24/M
SMB										
2	Unidirectional	5.0 ~ 170	600	DO-214AA	SMBJ(Value)A-TPMSCT-ND	.19	1.66	14.16	3,000	94.38/M
	Bidirectional	5.0 ~ 170	600	DO-214AA	SMBJ(Value)CA-TPMSCT-NDΔ	.19	1.66	14.16	3,000	94.38/M
SMC										
3	Unidirectional	5.0 ~ 170	1500	DO-214AB	SMCJ(Value)A-TPMSCT-ND	.46	4.07	34.85	3,000	232.32/M
	Bidirectional	5.0 ~ 170	1500	DO-214AB	SMCJ(Value)CA-TPMSCT-ND	.52	4.57	39.20	3,000	261.36/M
	Unidirectional	5.0, 12, 24, 48	3000	DO-214AB	SMLJ(Value)A-TPMSCT-ND	.81	7.11	60.98	3,000	406.56/M
	Bidirectional	6.5, 40	3000	DO-214AB	SMLJ(Value)CA-TPMSCT-ND	.93	8.13	69.70	3,000	464.64/M
SA										
4	Unidirectional	5.0 ~ 30	500	DO-15	SA(Value)A-TPMSCT-ND	.20	1.78	15.25	4,000	101.64/M
	Bidirectional	5.0 ~ 30	500	DO-15	SA(Value)CA-TPMSCT-NDΔ	.20	1.78	15.25	4,000	101.64/M
P6KE										
4	Unidirectional	6.8 ~ 150	600	DO-15	P6KE(Value)A-TPMSCT-NDΔ	.20	1.78	15.25	4,000	101.64/M
	Bidirectional	6.8 ~ 150	600	DO-15	P6KE(Value)CA-TPMSCT-ND	.20	1.78	15.25	4,000	101.64/M
1.5KE										
5	Unidirectional	6.8 ~ 12	1500	DO-201AE	1.5KE(Value)A-TPMSCT-ND	.38	3.30	28.31	1,200	212.36/M

† For complete part number, substitute the corresponding value from the Value Chart for (Value). ‡ For Tape and Reel part number, change CT-ND to TR-ND. Δ Value not available

ESD – TVS

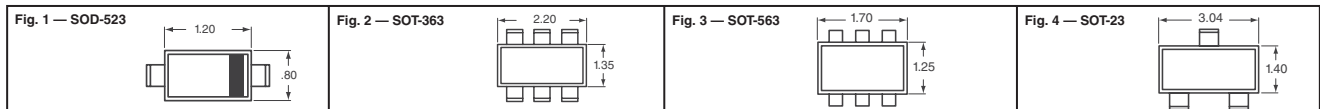


Fig.	V _{rrm} (V)	I _T (mA)	P _{pk} (W)	Digi-Key Part No.	1	Pricing 10	100	Digi-Key Part No.	T & R Pricing 3,000	MCC Part No.
1	3.3	1.0	158	ESD3V3D5-TPMSCT-ND	.09	.76	6.53	ESD3V3D5-TPMSTR-ND	43.56/M	ESD3V3D5-TP
	5.0		174	ESD5V0D5-TPMSCT-ND	.09	.76	6.53	ESD5V0D5-TPMSTR-ND	43.56/M	ESD5V0D5-TP
	7.0		200	ESD7V0D5-TPMSCT-ND	.09	.76	6.53	ESD7V0D5-TPMSTR-ND	43.56/M	ESD7V0D5-TP
	12.0		240	ESD12VD5-TPMSCT-ND	.09	.76	6.53	ESD12VD5-TPMSTR-ND	43.56/M	ESD12VD5-TP
2	5.0	1.0	100	ESD5V0K5-TPMSCT-ND	.22	1.91	16.34	ESD5V0K5-TPMSTR-ND	108.90/M	ESD5V0K5-TP
	5.0		100	ESD5V0M5-TPMSCT-ND	.25	2.16	18.51	ESD5V0M5-TPMSTR-ND	123.42/M	ESD5V0M5-TP
3	5.0	1.0	300	SM05-TPMSCT-ND	.17	1.52	13.07	SM05-TPMSTR-ND	87.12/M	SM05-TP
	6.1		300	ESDA6V1L-TPCT-ND	.22	1.91	16.34	ESDA6V1L-TPTR-ND	108.90/M	ESDA6V1L-TP
4	12.0	1.0	300	SM12-TPMSCT-ND	.17	1.52	13.07	SM12-TPMSTR-ND	87.12/M	SM12-TP



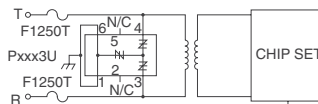
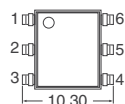
Teccor® SIDACTor® Product

Preliminary Balanced Line Protector

Expertise Applied | Answers Delivered

General Description:

Balanced Protector is designed to offer customers a surface mount alternative to our traditional modified TO-220 package. Based on a 6-pin SOIC package, Balanced Protector is built using patented "Y" (US Patent 4,905,119) configuration and are available in surge current ratings of up to 500A.



Series	I _{pp} 2 x 10μs (A)	I _{pp} 8 x 20μs (A)	I _{pp} 10 x 160μs (A)	I _{pp} 10 x 560μs (A)	I _{pp} 10 x 1000μs (A)	I _{TSM} 60Hz (A)	di/dt (A/μs)
C	500	400	200	150	100	50	500

V _{DRM} (V)	V _S (V)	V _T (V)	I _S (mA)	I _H (mA)	Digi-Key Part No.	Cut Tape Price Each 1 10 100	Digi-Key Part No.	T & R Pricing 1,500
200	270	8	800	150	P2353UCRPCT-ND	4.22 3.74 2.90	P2353UCRPTR-ND	1806.66/M

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

Free shipping on orders over £50! All prices are in British pound sterling and include duties.

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