

Fig.	Package	VBR		Vrwm Min. (V)	IR@ Vrwm Max. (µA)	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape and Reel		Vishay Semiconductor Part No.
		Minimum	Nominal				1	10	100		Qty.	Pricing	
2B	SOT-23	9.5	10.7	8.5	5	751-1417-1-ND	.44	3.10	20.65	751-1417-2-ND	3,000	74.35/M	GSOT08C-GS08
	SOT-23	13.5	15.7	12.5	1	751-1414-1-ND	.44	3.10	20.65	751-1414-2-ND	3,000	74.35/M	GSOT12C-GS08
	SOT-23	39.5	43.7	36.5	1	751-1404-1-ND	.44	3.10	20.65	751-1404-2-ND	3,000	74.35/M	GSOT36C-GS08
3B	LLP75-3B	6	6.8	5	10	751-1412-1-ND	.35	2.74	18.74	—	—	—	GSOT05C-HT3-GS08
	LLP75-3B	13.5	15	12	1	751-1411-1-ND	.41	3.16	21.41	—	—	—	GSOT12C-HT3-GS08
4B	LLP1006-2L	7	—	5	0.1	751-1448-1-ND	.46	3.30	19.83	751-1448-2-ND	8,000	59.48/M	VCUT0505B-HD1-GS08
	LLP1006-2L	7.3	—	7	0.1	751-1449-1-ND	.46	3.30	19.83	751-1449-2-ND	8,000	59.48/M	VCUT0714A-HD1-GS08
High Speed ESD Protection Diodes													
2C	SOT-23	6	—	5	20	751-1395-1-ND	.40	2.79	18.59	751-1395-2-ND	3,000	66.92/M	GL05T-GS08
	SOT-23	16.7	—	15	1	751-1419-1-ND	.40	2.79	18.59	751-1419-2-ND	3,000	66.92/M	GL15T-GS08
3C	LLP75-3B	16.7	—	15	1	751-1394-1-ND	.33	2.57	17.57	—	—	—	GL15-HT3-GS08
ESD Protection Diode Arrays													
5	LLP75-6A	6	—	5 Max.	1	751-1413-1-ND	.51	4.12	30.91	751-1413-2-ND	3,000	179.27/M	GMF05C-HS3-GS08
	LLP75-6A	6	—	5	0.1	751-1423-1-ND	.57	4.58	34.35	—	—	—	GMF05LC-HS3-GS08
Six-Line ESD Protection Diode Array													
6	LLP75-7A	6	6.6	5	1	751-1441-1-ND	.47	3.78	28.35	751-1441-2-ND	3,000	133.01/M	VESD05A6-HA3-GS08
Four-Line BUS-port ESD Protection Diode													
7	LLP75-6A	6.9	7.9	5	0.1	751-1434-1-ND	.58	5.02	39.65	751-1434-2-ND	3,000	191.66/M	VBUS054B-HS3-GS08
	LLP75-6L	6.9	7.9	5	0.1	751-1453-1-ND	.62	5.34	42.13	751-1453-2-ND	3,000	204.05/M	VBUS054B-HSF-GS08
8	LLP1010-6L	6	—	5	0.1	751-1454-1-ND	.43	3.42	25.63	751-1454-2-ND	5,000	112.35/M	VESD05A4A-HS4-GS08
	LLP1010-6L	11.2	—	9	0.1	751-1457-1-ND	.43	3.42	25.63	751-1457-2-ND	5,000	112.35/M	VESD09A4A-HS4-GS08
Eight-Line ESD Protection Diode Array													
9	LLP1713-9L	6	—	5	1	751-1435-1-ND	.59	4.73	35.44	751-1435-2-ND	3,000	166.88/M	VESD05A8A-HNH-GS08

EMI Filters with ESD Protection

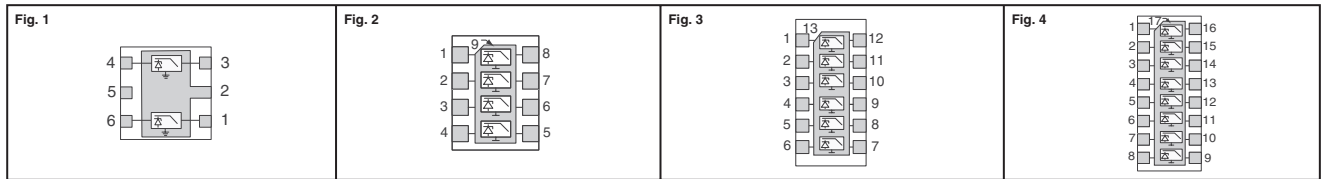


Fig.	Package	No. of Channels	VRWM Min. (V)	IR @ VRWM Max. (µA)	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape and Reel Pricing 3,000	Vishay Semiconductor Part No.
						1	10	100			
1	LLP75-6A	2	5	1	751-1424-1-ND	.33	2.65	19.88	751-1424-2-ND	115.66/M	VEM1255A-HS3-GS08
2	LLP1713-9L	4	5	1	751-1420-1-ND	.44	3.54	26.50	751-1420-2-ND	153.66/M	VEM1454A-HNH-GS08
3	LLP2513-DL	6	5	1	751-1425-1-ND	.45	3.82	30.19	—	—	VEM165AA-HCI-GS08
	LLP2513-13L	6	5	1	751-1455-1-ND	.55	4.71	37.17	751-1455-2-ND	180.09/M	VEM165AB-HCI-GS08
4	LLP3313-17L	8	5	1	751-1456-1-ND	.65	5.65	44.61	751-1456-2-ND	215.62/M	VEM185AB-HGK-GS08
	LLP3313-HL	8	5	1	751-1430-1-ND	.65	5.65	44.61	751-1430-2-ND	215.62/M	VEM185AA-HGK-GS08

VISHAY General Semiconductor Transient Voltage Suppressors

Dimensions in mm

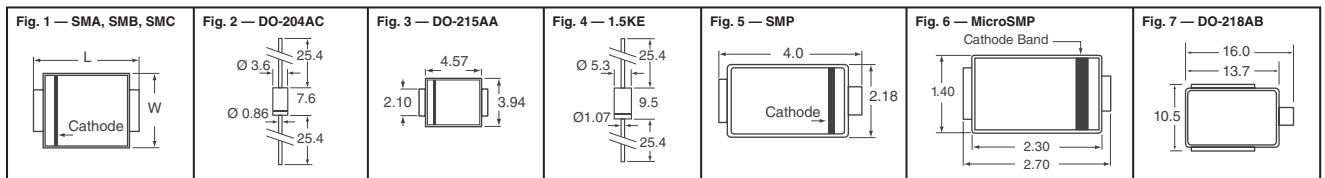


Fig.	Pw Watts	Breakdown Voltage VBR		IT (mA)	Dimensions - mm		Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape and Reel	
		Minimum	Maximum		L	W		1	10	100		Qty.	Pricing
Unidirectional													
1	300	111	123	1.0	5.28	2.79	SMAJ100A-E3/1GI-ND†	.49	3.68	28.46	—	—	—
	400	6.40	7.07	10	5.28	2.79	SMAJ5.0A-E3/1GI-ND†	.47	3.53	27.30	—	—	—
	400	6.40	7.07	10	5.28	2.79	SMAJ5.0A-E3/61GICT-ND	.45	3.54	24.22	SMAJ5.0A-E3/61GITR-ND	1,800	111.53/M
	400	11.1	12.3	1.0	5.28	2.79	SMAJ10A-E3/61GICT-ND	.45	3.54	24.22	SMAJ10A-E3/61GITR-ND	1,800	111.53/M
	400	13.3	14.7	1.0	5.28	2.79	SMAJ12A-E3/61GICT-ND	.45	3.54	24.22	SMAJ12A-E3/61GITR-ND	1,800	111.53/M
	400	16.7	18.5	1.0	5.28	2.79	SMAJ15A-E3/61GICT-ND	.45	3.54	24.22	SMAJ15A-E3/61GITR-ND	1,800	111.53/M
	400	20.0	22.1	1.0	5.28	2.79	SMAJ18A-E3/61GICT-ND	.45	3.54	24.22	SMAJ18A-E3/61GITR-ND	1,800	111.53/M
	400	36.7	40.6	1.0	5.28	2.79	SMAJ33A-E3/61GICT-ND	.45	3.54	24.22	SMAJ33A-E3/61GITR-ND	1,800	111.53/M
	400	40.0	44.2	1.0	5.28	2.79	SMAJ36A-E3/1GI-ND†	.49	3.68	28.46	—	—	—
	400	40.0	44.2	1.0	5.28	2.79	SMAJ36A-E3/61GICT-ND	.45	3.54	24.22	SMAJ36A-E3/61GITR-ND	1,800	111.53/M
	400	44.4	49.1	1.0	5.28	2.79	SMAJ40A-E3/61GICT-ND	.45	3.54	24.22	SMAJ40A-E3/61GITR-ND	1,800	111.53/M
	400	66.7	73.7	1.0	5.28	2.79	SMAJ60A-E3/1GI-ND†	.49	3.68	28.46	—	—	—
	600	4.1	—	1.0	5.59	3.94	SMBJ3V3-E3/52GICT-ND	.59	4.54	38.86	SMBJ3V3-E3/52GITR-ND	750	169.76
	600	6.40	7.07	10	5.59	3.94	SMBJ5.0A-E3/52GICT-ND	.45	3.54	24.22	SMBJ5.0A-E3/52GITR-ND	750	92.94
	600	13.3	14.7	1.0	5.59	3.94	SMBJ12A-E3/52GICT-ND	.45	3.54	24.22	SMBJ12A-E3/52GITR-ND	750	92.94
	600	16.7	18.5	1.0	5.59	3.94	SMBJ15A-E3/52GICT-ND	.45	3.54	24.22	SMBJ15A-E3/52GITR-ND	750	92.94
	600	26.7	29.5	1.0	5.59	3.94	SMBJ24A-E3/52GICT-ND	.45	3.54	24.22	SMBJ24A-E3/52GITR-ND	750	92.94

† Bulk

(Continued)

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.

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