

LITTELFUSE Teccor® Thyristors



This product is RoHS compliant.

Thyristors

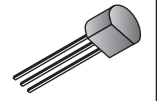
Littelfuse

SIDACS

For quantities greater than listed, call for quote.

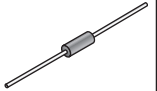
MOUSER STOCK NO.		Pkg.	IT(RMS) Amps	VDRM Volts	VBO (V)		IDRM Max. (μ A)	IBO Max. (μ A)	IH (mA)		VTM (V) Max.	ITSM (A)		RS (k Ω) Min.	Price Each		
Mfr.	Mfr. Part No.				Min.	Max.			TYP.	Max.		60Hz	50Hz		1	10	100
◆	576—K0900E70	TO-92	1	±70	79	97	5	10	60	150	1.5	20	16.7	0.1	.89	.65	.54
	576—K0900G	DO-15X	1	±70	79	97	5	10	60	150	1.5	20	16.7	0.1	.75	.63	.52
	576—K0900SRP	DO-214	1	±70	79	97	5	10	60	150	1.5	20	16.7	0.1	.53	.49	.46
	576—K1050E70	TO-92	1	±90	95	113	5	10	60	150	1.5	20	16.7	0.1	.89	.65	.54
	576—K1050G	DO-15X	1	±90	95	113	5	10	60	150	1.5	20	16.7	0.1	.75	.63	.52
	576—K1050SRP	DO-214	1	±90	95	113	5	10	60	150	1.5	20	16.7	0.1	.80	.67	.59
	576—K1100E70	TO-92	1	±90	104	118	5	10	60	150	1.5	20	16.7	0.1	.89	.65	.54
	576—K1100G	DO-15X	1	±90	104	118	5	10	60	150	1.5	20	16.7	0.1	.75	.63	.52
	576—K1200E70	TO-92	1	±90	110	125	5	10	60	150	1.5	20	16.7	0.1	.89	.65	.54
	576—K1200G	DO-15X	1	±90	110	125	5	10	60	150	1.5	20	16.7	0.1	.75	.63	.52
	576—K1300E70	TO-92	1	±90	120	138	5	10	60	150	1.5	20	16.7	0.1	.89	.65	.54
	576—K1400E70	TO-92	1	±90	130	146	5	10	60	150	1.5	20	16.7	0.1	.75	.63	.52
	576—K1500G	DO-15X	1	±90	140	170	5	10	60	150	1.5	20	16.7	0.1	.86	.73	.60
	576—K1500SRP	DO-214	1	±90	140	170	5	10	60	150	1.5	20	16.7	0.1	.78	.70	.67
	576—K2000E70	TO-92	1	±180	190	215	5	10	60	150	1.5	20	16.7	0.1	.78	.70	.67
	576—K2000G	DO-15X	1	±180	190	215	5	10	60	150	1.5	20	16.7	0.1	.82	.73	.61
	576—K2000SRP	DO-214	1	±180	190	215	5	10	60	150	1.5	20	16.7	0.1	1.03	.91	.79
	576—K2200E70	TO-92	1	±180	205	230	5	10	60	150	1.5	20	16.7	0.1	.78	.70	.67
	576—K2200SRP	DO-214	1	±180	205	230	5	10	60	150	1.5	20	16.7	0.1	1.03	.91	.79
	576—K2500E70	TO-92	1	±200	240	280	5	10	60	150	1.5	20	16.7	0.1	.82	.73	.61
	576—K2500G	DO-15X	1	±200	240	280	5	10	60	150	1.5	20	16.7	0.1	.96	.80	.63

RoHS Compliant



TO-92

RoHS Compliant



DO-15X

SCR's

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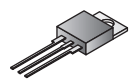
MOUSER STOCK NO.	Littelfuse Part No.	Pkg.	IT(RMS)	VDRM	I _{DRM} @VDRM (mA)		Max Gate Trigger Current (μ A)	V _{TM} (V)	Non-Repetitive Surge Current (A)	di/dt @110°C (A/ μ s)	dv/dt @125°C (V/ μ s)	T _{GT} (μ s)	T _q (μ s)	Price Each		
					@25°C	@125°C								1	10	100
576-S6008R	S6008R	TO-220	8	600	0.01	0.5	15000	1.6	100	100	225	2	35	1.32	1.05	.85
576-S6008L	S6008L	TO-220	8	600	0.01	0.5	15000	1.6	100	100	225	2	35	1.28	1.14	1.03
576-S6015L	S6015L	TO-220	15	600	0.01	1	30000	1.6	225	125	325	2	35	1.48	1.40	1.20
576-S6025L	S6025L	TO-220	25	600	0.01	2	35000	1.6	350	150	325	2	35	1.64	1.55	1.47
576-S6055R	S6055R	TO-220	55	600	0.01	2	40000	1.8	650	175	500	2.5	35	3.20	3.04	2.84
576-S8040R	S8040R	TO-220	40	800	0.02	3	40000	1.8	520	175	475	2.5	35	3.12	3.07	2.60
576-S8055R	S8055R	TO-220	55	800	0.02	3	40000	1.8	650	175	475	2.5	35	2.86	2.60	2.47
576-SK040R	SK040R	TO-220	40	1000	0.03	-	40000	1.8	520	175	-	2.5	35	3.27	3.03	2.44
576-S601E	S601E	TO-92	1	600	0.01	0.5	10000	1.6	30	50	20	2	35	.55	.50	.48
576-S6006L	S6006L	TP-220	6	600	0.01	0.5	15000	1.6	100	100	225	2	35	1.30	1.10	.90
576-S6010L	S6010L	TO-220	10	600	0.01	0.5	15000	1.6	100	100	225	2	35	1.38	1.24	1.17
576-S8010L	S8010L	TO-220	10	800	0.02	1	15000	1.6	100	100	200	2	35	1.48	1.40	1.20
576-S6020L	S6020L	TO-220	20	600	0.01	1	30000	1.6	300	125	325	2	35	1.70	1.61	1.36
576-S8020L	S8020L	TO-220	20	800	0.02	2	30000	1.6	300	125	300	2	35	1.77	1.70	1.45
576-S8035K	S8035K	TO-218	35	800	0.02	3	40000	1.8	500	150	300	2	35	4.02	3.95	3.90
576-S8065J	S8065J	TO-218	65	800	0.02	5	50000	1.8	950	200	475	2.5	35	6.43	6.37	6.34
576-S8015L	S8015L	TO-220	15	800	0.02	2	30000	1.6	225	125	300	2	35	1.34	1.29	1.19

RoHS Compliant



TO-214

RoHS Compliant



TO-220

TRIACS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Pkg.	IT (RMS)	VDRM	IGT (mA)				IDRM Max. (mA)				VTM (V)	VGT (V)	Watts	dv/dt (V/ μ s)	Price Each					
				Max.	TYP	TC=25°C	TC=100°C	TC=125°C	TC=25°C	TC=25°C	PGM					PG(AV)	TYP	TC=25°C	1	10	100
◆	576—Q401E3	TO-92	1	400	10	10	10	25	0.02	0.5	1	1.6	2	10	0.2	1	40	.82	.73	.61	
	576—Q4004D3RP	TO-252	4	400	10	10	10	25	0.05	0.5	2	1.6	2	15	0.3	2	50	1.20	1.01	.85	
	576—Q4004L3	TO-220	4	400	10	10	10	25	0.05	0.5	2	1.6	2	15	0.3	2	50	1.21	1.11	1.05	
	576—Q4004L4	TO-220	4	400	25	25	25	50	0.05	0.5	2	1.6	2.5	15	0.3	2	100	1.12	1.07	.94	
	576—Q6004L4	TO-220	4	600	25	25	25	50	0.05	0.5	2	1.6	2.5	15	0.3	2	75	1.38	1.24	1.17	
	576—Q4006L4	TO-220	6	400	25	25	25	50	0.05	0.5	2	1.6	2.5	18	0.5	4	200	1.47	1.30	1.19	
	576—Q6006L5	TO-220	6	600	50	50	50	75	0.05	0.5	2	1.6	2.5	18	0.5	4	150	1.25	1.19	1.13	
	576—Q6006R5	TO-220	6	600	50	50	50	75	0.05	0.5	2	1.6	2.5	18	0.5	4	150	1.38	1.24	1.17	
	576—Q4008L4	TO-220	8	400	25	25	25	50	0.05	0.5	2	1.6	2.5	20	0.5	4	250	1.47	1.40	1.18	
	576—Q4008R4	TO-220	8	400	25	25	25	50	0.05	0.5	2	1.6	2.5	20	0.5	4	250	1.47	1.30	1.19	
	576—Q6008L5	TO-220	8	600	50	50	50	75	0.05	0.5	2	1.6	2.5	20	0.5	4	220	1.61	1.54	1.30	
	576—Q6008R5	TO-220	8	600	50	50	50	75	0.05	0.5	2	1.6	2.5	20	0.5	4	220	1.48	1.40	1.20	
	576—Q4010L5	TO-220	10	400	50	50	50	75	0.05	0.5	2	1.6	2.5	20	0.5	4	350	1.34	1.29	1.19	
	576—Q4010R5	TO-220	10	400	50	50	50	75	0.05	0.5	2	1.6	2.5	20	0.5	4	350	1.47	1.40	1.18	
	576—Q6010L5	TO-220	10	600	50	50	50	75	0.05	0.5	2	1.6	2.5	20	0.5	4	300	1.58	1.52	1.40	
	576—Q6010R5	TO-220	10	600	50	50	50	75	0.05	0.5	2	1.6	2.5	20	0.5	4	300	1.70	1.64	1.39	
	576—Q8010L5	TO-220	10	800	50	50	50	75	0.1	0.5	2	1.6	2.5	20	0.5	4	250	2.14	2.06	1.74	
	576—Q4015L5	TO-220	15	400	50	50	50	-	0.05	0.5	2	1.6	2.5	20	0.5	4	400	1.57	1.49	1.41	
	576—Q4015R5	TO-220	15	400	50	50	50	-	0.05	0.5	2	1.6	2.5	20	0.5	4	400	1.47	1.41	1.30	
	576—Q6015L5	TO-220	15	600	50	50	50	-	0.05	0.5	2	1.6	2.5	20	0.5	4	350	2.18	2.13	1.80	
	576—Q6015R5	TO-220	15	600	50	50	50	-	0.05	0.5	2	1.6	2.5	20	0.5	4	350	2.02	1.98	1.68	
	576—Q8015L5	TO-220	15	800	50	50	50	-	0.1	1	3	1.8	2.5	20	0.5	4	300	2.15	2.10	1.94	
	◆	576—Q4025N5RP	TO-263	25	400	50	50	50	-	0.1	1	3	1.8	2.5	20	0.5	5	400	2.46	2.38	2.01
	576—Q4025R5	TO-220	25	400	50	50	50	-	0.1	1	3	1.8	2.5	20	0.5	5	400	2.18	2.13	1.80	
	◆	576—Q4025R5	TO-263	25	600	50	50	50	-	0.1	1	3	1.8	2.5	20	0.5	5	350	2.18	2.13	1.80
	576—Q6025P5	TO-3	25	600	50	50	50	-	0.1	0	5	1.4	0.2	20	0.5	5	550	7.45	7.08	6.19	
	576—Q6025R5	TO-220	25	600	50	50	50	-	0.1	1	3	1.8	2.5	20	0.5	5	350	2.20	2.09	1.97	
	576—Q6035P5	TO-3	35	600	50	50	50	120	0.1</												