

# LITTELFUSE Teccor® Thyristors

RoHS Compliant This product is RoHS compliant.

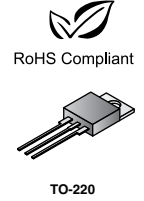


Surface Mount

## LITTELFUSE TRIACS (CONT.)

For quantities of 100 and up, call for quote.

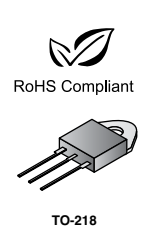
MOUSER STOCK NO.		Pkg.	I <sub>T</sub> (RMS) Amps	V <sub>DRM</sub> Volts	I <sub>GT</sub> (mA)				I <sub>DRM</sub> Max. (mA)			V <sub>TM</sub> (V)		V <sub>GT</sub> (V)		Watts		dv/dt (V/μs)		Price Each	
Mfr.	Mfr. Part No.				Max.			TYP.	TC=25°C	TC=100°C	TC=125°C	TC=25°C	TC=25°C	P <sub>GM</sub>	P <sub>G(AV)</sub>	TYP.	TC=25°C	1	10		
576	—Q2010L5	TO-220	10	200	50	50	50	75	0.05	0.5	2	1.6	2.5	20	0.5	4	350				
576	—Q2010R5	TO-220	10	200	50	50	50	75	0.05	0.5	2	1.6	2.5	20	0.5	4	350				
576	—Q4010L5	TO-220	10	400	50	50	50	75	0.05	0.5	2	1.6	2.5	20	0.5	4	350				
576	—Q4010R5	TO-220	10	400	50	50	50	75	0.05	0.5	2	1.6	2.5	20	0.5	4	350				
576	—Q6010L5	TO-220	10	600	50	50	50	75	0.05	0.5	2	1.6	2.5	20	0.5	4	300				
576	—Q6010R5	TO-220	10	600	50	50	50	75	0.05	0.5	2	1.6	2.5	20	0.5	4	300				
576	—Q8010L5	TO-220	10	800	50	50	50	75	0.1	0.5	2	1.6	2.5	20	0.5	4	250				
576	—Q2015L5	TO-220	15	200	50	50	-	-	0.05	0.5	2	1.6	2.5	20	0.5	4	400				
576	—Q2015R5	TO-220	15	200	50	50	-	-	0.05	0.5	2	1.6	2.5	20	0.5	4	400				
576	—Q4015L5	TO-220	15	400	50	50	-	-	0.05	0.5	2	1.6	2.5	20	0.5	4	400				
576	—Q4015R5	TO-220	15	400	50	50	-	-	0.05	0.5	2	1.6	2.5	20	0.5	4	400				
576	—Q6015L5	TO-220	15	600	50	50	-	-	0.05	0.5	2	1.6	2.5	20	0.5	4	350				
576	—Q6015R5	TO-220	15	600	50	50	-	-	0.05	0.5	2	1.6	2.5	20	0.5	4	350				
576	—Q8015L5	TO-220	15	800	50	50	-	-	0.1	1	3	1.6	2.5	20	0.5	4	300				
576	—Q4025N5RP	TO-263	25	400	50	50	-	-	0.1	1	3	1.8	2.5	20	0.5	5	400				
576	—Q4025R5	TO-220	25	400	50	50	-	-	0.1	1	3	1.8	2.5	20	0.5	5	400				
576	—Q4025R5	TO-263	25	600	50	50	-	-	0.1	1	3	1.8	2.5	20	0.5	5	350				
576	—Q6025P5	TO-3	25	600	50	50	-	-	0.1	0	5	1.4	0.2	20	0.5	5	550				
576	—Q6025R5	TO-220	25	600	50	50	-	-	0.1	1	3	1.8	2.5	20	0.5	5	350				
576	—Q6035P5	TO-3	35	600	50	50	-	-	0.1	5	3	1.5	2.75	20	0.5	5	550				



## LITTELFUSE ALTERNISTOR TRIACS

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.		Pkg.	I <sub>T</sub> (RMS) Amps	V <sub>DRM</sub> Volts	I <sub>GT</sub> (mA)			I <sub>DRM</sub> Max. (mA)			V <sub>TM</sub> (V)		V <sub>GT</sub> (V)		Watts		dv/dt (V/μs)		Price Each	
Mfr.	Mfr. Part No.				Max.			TC=25°C	TC=100°C	TC=125°C	TC=25°C	TC=25°C	P <sub>GM</sub>	P <sub>G(AV)</sub>	TYP.	TC=100°C	1	10		
576	—Q4025K6	TO-218	25	400	80	80	80	80	0.05	0.5	2	1.8	2.5	20	0.5	30	875			
576	—Q6025K6	TO-218	25	600	80	80	80	80	0.05	0.5	2	1.8	2.5	20	0.5	30	800			
576	—Q4040K7	TO-218	40	400	100	100	100	100	0.2	2	5	1.8	2.5	40	0.8	50	1100			
576	—Q6040K7	TO-218	40	600	100	100	100	100	0.2	2	5	1.8	2.5	40	0.8	50	1000			
576	—Q6006LH4	TO-220	6	600	35	35	35	35	0.01	0.5	2	1.6	1.3	18	0.5	25	425			
576	—Q8010LH5	TO-220	10	800	50	50	50	50	0.01	0.5	2	1.6	1.3	20	0.5	30	650			
576	—Q4012LH5	TO-220	12	400	50	50	50	50	0.01	0.5	2	1.6	1.3	20	0.5	30	1000			
576	—Q8016LH4	TO-220	16	800	35	35	35	35	0.1	1	3	1.6	2	20	0.5	25	425			
576	—Q2025L6	TO-220	25	200	80	80	80	80	0.05	0.5	2	1.8	2.5	20	0.5	30	875			
576	—Q4025L6	TO-220	25	400	80	80	80	80	0.05	0.5	2	1.8	2.5	20	0.5	30	875			
576	—Q6025L6	TO-220	25	600	80	80	80	80	0.05	0.5	2	1.8	2.5	20	0.5	30	800			
576	—Q6025R6	TO-220	25	600	80	80	80	80	0.05	0.5	2	1.8	2.5	20	0.5	30	800			
576	—Q8025L6	TO-220	25	800	80	80	80	80	0.1	1	3	1.8	2.5	20	0.5	30	700			
576	—Q4025J6	TO-218X	25	400	80	80	80	80	0.05	0.5	2	1.8	2.5	20	0.5	30	875			
576	—Q8025J6	TO-218X	25	800	80	80	80	80	0.1	1	3	1.8	2.5	20	0.5	30	700			
576	—Q4030LH5	TO2020	30	400	50	50	50	50	0.05	0	2	1.4	2	20	0.5	20	600			
576	—Q4040J7	TO-218X	40	400	100	100	100	100	0.2	2	5	1.8	2.5	40	0.8	50	1100			
576	—Q8040J7	TO-218X	40	800	100	100	100	100	0.2	2	5	1.8	2.5	40	0.8	50	900			



## LITTELFUSE SENSITIVE TRIACS

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.		Pkg.	I <sub>T</sub> (RMS) Amps	V <sub>DRM</sub> Volts	I <sub>GT</sub> (mA) Max.				I <sub>DRM</sub> Max. (mA)		V <sub>TM</sub> (V)		V <sub>GT</sub> (V)		Watts		I <sub>TSM</sub> Amps	dv/dt (V/μs)	Price Each	
Mfr.	Mfr. Part No.				Q1	Q2	Q3	Q4	TC=25°C	TC=110°C	TC=25°C	TC=25°C	P <sub>GM</sub>	P <sub>G(AV)</sub>	60/50Hz	TYP.			TC=100°C	1
576	—L2X3RP	Compak	0.8	200	3	3	3	3	0.01	0.1	1.6	2	10	0.2	10/8.3	0.5	20			
576	—L201E3	TO-92	1	200	3	3	3	3	0.01	0.1	1.6	2	10	0.2	20/16.7	0.5	20			
576	—L601E3	TO-92	1	600	3	3	3	3	0.01	0.1	1.6	2	10	0.2	20/16.7	0.5	10			
576	—L2004L3	TO-220	4	200	3	3	3	3	0.01	0.2	1.6	2	15	0.3	40/33	0.5	25			
576	—L4004L3	TO-220	4	400	3	3	3	3	0.01	0.2	1.6	2	15	0.3	40/33	0.5	25			
576	—L6004L3	TO-220	4	600	3	3	3	3	0.01	0.2	1.6	2	15	0.3	40/33	0.5	15			
576	—L6008L6	TO-220	8	600	5	5	5	10	0.02	0.5	1.6	2	18	0.4	80/65	2	20			



## LITTELFUSE QUADRACS

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.		Pkg.	I <sub>T</sub> (RMS) Amps	V <sub>DRM</sub> Volts	I <sub>DRM</sub> Max. (mA)			V <sub>TM</sub> (V)		ΔV <sub>BO</sub> (V)		V <sub>BO</sub> (V)		ΔV ± (V)		I <sub>BO</sub> (μA)	C <sub>T</sub> (μF)	I <sub>TSM</sub> Amps	dv/dt (V/μs)	Price Each	
Mfr.	Mfr. Part No.				TC=25°C	TC=100°C	TC=125°C	TC=25°C	TC=25°C	Min.	Max.	Min.	Max.	60/50Hz	TYP.					TC=100°C	1
576	—Q2004LT	TO-220	4	200	0.05	0.5	2	1.6	3	33	43	5	25	0.1	55/46	3	75				
576	—Q4004LT	TO-220	4	400	0.05	0.5	2	1.6	3	33	43	5	25	0.1	55/46	3	75				
576	—Q6004LT	TO-220	4	600	0.05	0.5	2	1.6	3	33	43	5	25	0.1	55/46	3	50				
576	—Q2006LT	TO-220	6	200	0.05	0.5	2	1.6	3	33	43	5	25	0.1	80/65	4	150				
576	—Q4006LT	TO-220	6	400	0.05	0.5	2	1.6	3	33	43	5	25	0.1	80/65	4	150				
576	—Q6006LT	TO-220	6	600	0.05	0.5	2	1.6	3	33	43	5	25	0.1	80/65	4	125				
576	—Q4006LTH	TO-220	6	400	0.05	0.5	2	1.6	3	33	43	5	25	0.1	80/65	25	575				
576	—Q6006LTH	TO-220	6	600	0.05	0.5	2	1.6	3	33	43	5	25	0.1	80/65	25	425				
576	—Q2008LT	TO-220	8	200	0.05	0.5	2	1.6	3	33	43	5	25	0.1	100/83	4	175				
576	—Q4008LT	TO-220	8	400	0.05	0.5	2	1.6	3	33	43	5	25	0.1	100/83	4	175				
576	—Q6008LT	TO-220	8	600	0.05	0.5	2	1.6	3	33	43	5	25	0.1	100/83	4	150				
576	—Q4008LTH	TO-220	8	400	0.05	0.5	2	1.6	3	33	43	5	25	0.1	100/83	25	575				
576	—Q6008LTH	TO-220	8	600	0.05	0.5	2	1.6	3	33	43	5	25	0.1	100/83	25	425				
576	—Q2010LT	TO-220	10	200	0.05	0.5	2	1.6	3	33	43	5	25	0.1	120/100	4	200				
576	—Q4010LT	TO-220	10	400	0.05	0.5	2	1.6	3	33	43	5	25	0.1	120/100	4	200				
576	—Q6010LT	TO-220	10	600	0.05	0.5	2	1.6	3	33	43	5	25	0.1	120/100	4	175				
576	—Q4010LTH	TO-220	10	400	0.05	0.5	2	1.6	3	33	43	5	25	0.1	120/100	30	925				
576	—Q6010LTH	TO-220	10	600	0.05	0.5	2	1.6	3	33	43	5	25	0.1	120/100	30	775				
576	—Q2015LT	TO-220	15	200	0.05	0.5	2	1.6	3	33	43	5	25	0.1	200/167	4					