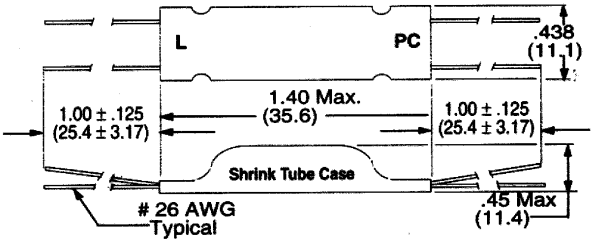
301T OPTO-ISOLATOR

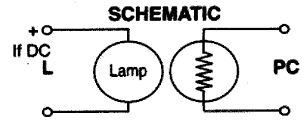
CLASS
SSR

7

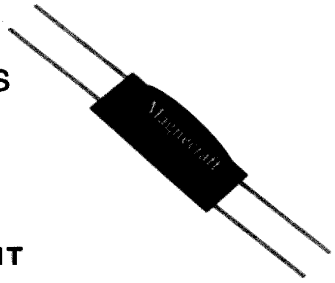
RELAYS

OPTICAL COUPLING PROVIDES HIGH INPUT TO OUTPUT ISOLATION. CAN BE USED AS AN ON/OFF SWITCH OR AS AN LOW VOLTAGE CONTROLLED RESISTOR. IDEAL FOR TRIGGERING SCR'S AND TRIACS.





301T OPTO-ISOLATOR
0.2 WATT OUTPUT
VAC OR VDC OUTPUTS
SHRINK TUBE COVER



SPECIFICATIONS 301T

CONTACTS
Output Voltage Max:. ± 250 VDC or VAC Peak

INSULATION RESISTANCE
Dielectric Strength
Across Open Contacts: 1000 V rms Between all insulated Points
Insulation Resistance: fOOhms

ENVIRONMENTAL CAPABILITIES
Ambient Temperature
Operating: -40°C to + 60°C

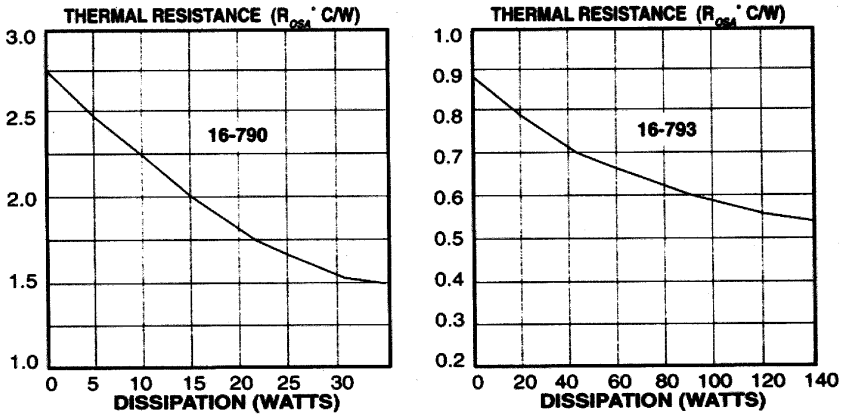
Miscellaneous
Weight: 301T: 0.04 oz (1.1 g)

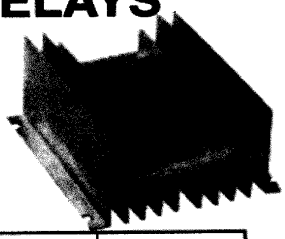
NOT RECOMENDED FOR WAVE OR DIP SOLDERING. ALSO MAY BE AFFECTED BY CLEANING SOLVENTS

Magnecraft PART NUMBER	INPUT LAMP TYPE	INPUT VOLTAGE	INPUT CURRENT (mA)	OUTPUT ON RESISTANCE (Ohms max.)	OUTPUT POWER DISSIPATION Per pole (mW)	RESPONSE TIME TURN-ON TO 10KΩ (mS max.)	RESPONSE TIME TURN-OFF TO 100KΩ (mS max.)
W301T1-2A1	LED	1.7 VDC	40	2000Ω	200	10	50
W301T1-2B1	LED	2.0 VDC	25	1000Ω	200	5	100
W301T1-12B1	INCAND.	12 VDC/AC	24	400Ω	200	150	300
W301T1-120A1	NEON	120 VDC/AC†	1.3	1200Ω	200	35	100

† Add 47KΩ Ohm external series resistor to limit current.

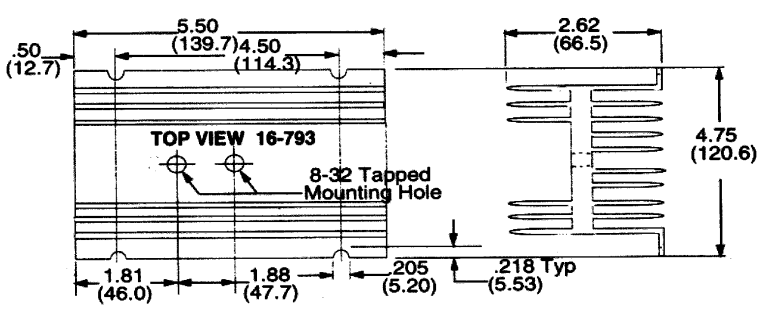
HEAT SINKS FOR CLASS 6 SOLID STATE RELAYS

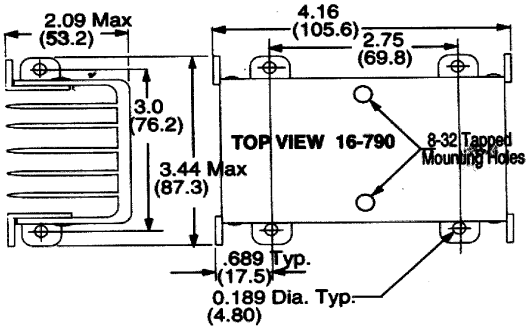




Magnecraft PART NUMBER	(2) LOAD CURRENT	THERMAL RESISTANCE
16-790	5 to 20 Amps	3° C/W
16-793	Above 20 Amps	1° C/W

(1) Heat Sinks are Aluminum alloy
(2) Current ratings are based on the use of a suitable thermally couductive compound (e.g. Silicon grease) between the SSR base and mounting surface of Heat Sink.





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