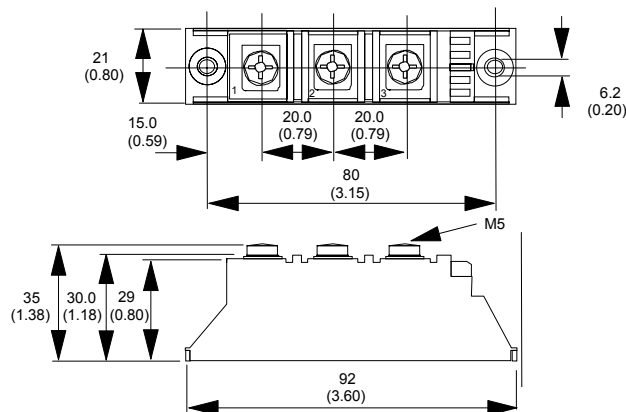


Triple Screwtop Copper

MAXIMUM RATINGS (T <sub>j</sub> = 25 °C unless stated otherwise) * Insert "D" "C" "J" or "E" for circuit configuration									
Parameter	Symbol	IRK(*) 71-04	IRK(*) 71-06	IRK(*) 71-08	IRK(*) 71-10	IRK(*) 71-12	IRK(*) 71-14	IRK(*) 71-16	Unit
Repetitive Peak Reverse Voltage	V <sub>RRM</sub>	400	600	800	1000	1200	1400	1600	Volt
Maximum RMS On-State Current	I <sub>F(RMS)</sub>	126							Amp
Maximum Average On-State Current	I <sub>F(AV)</sub>	80 at TC=100°C							Amp
Peak Forward Surge Current 8.3 ms	I <sub>FSM</sub>	1870							Amp
Maximum I <sup>2</sup> T for Fusing	I <sup>2</sup> T	14.53							A <sup>2</sup> /S
Maximum Storage Temperature Range	T <sub>(STG)</sub>	-40 to +150							°C
Maximum Junction Temperature Range	T <sub>j</sub>	-40 to +150							°C

ELECTRICAL CHARACTERISTICS at 25 °C Maximum Unless Stated Otherwise				Value			Unit
Parameter	Symbol	Condition	Min	Typ	Max		
Maximum Forward Voltage	V <sub>FM</sub>				1.50	Volt	
Repetitive Peak Off- State Current at TC=150°C	I <sub>RRM</sub>	V <sub>R</sub> = V <sub>RRM</sub>			10.0	mA	
Thermal Resistance (Junction to Case)	R <sub>TH (J-c)</sub>				0.40	°C/W	
Mounting Torque	M <sub>T</sub>				5.0	NM	
Weight	Wt				110	grms	

**Mechanical Dimensions**



All Dimensions in Inches (Millimeters)  
 Third Angle Projection