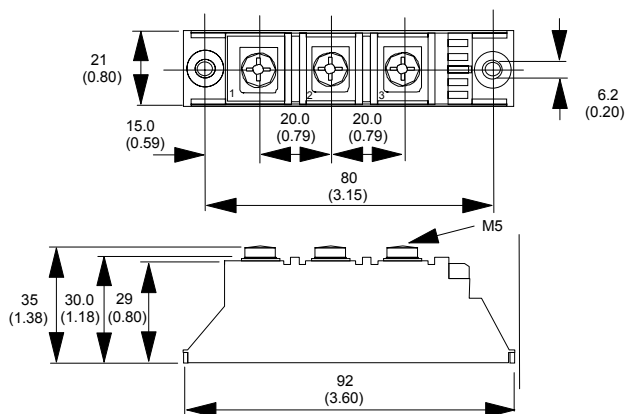


Triple Screwtop Copper

MAXIMUM RATINGS (T _j = 25 °C unless stated otherwise) * Insert "D" "C" "J" or "E" for circuit configuration									
Parameter	Symbol	IRK(*) 91-04	IRK(*) 91-06	IRK(*) 91-08	IRK(*) 91-10	IRK(*) 91-12	IRK(*) 91-14	IRK(*) 91-16	Unit
Repetitive Peak Reverse Voltage	V _{RRM}	400	600	800	1000	1200	1400	1600	Volt
Maximum RMS On-State Current	I _{F(RMS)}	157							Amp
Maximum Average On-State Current	I _{F(AV)}	100 at TC=100°C							Amp
Peak Forward Surge Current 8.3 mS	I _{FSM}	2110							Amp
Maximum I ² T for Fusing	I ² T	18.65							A ² /S
Maximum Storage Temperature Range	T _(STG)	-40 to +150							°C
Maximum Junction Temperature Range	T _j	-40 to +150							°C

ELECTRICAL CHARACTERISICS at 25 °C Maximum Unless Stated Otherwise				Value			Unit
Parameter	Symbol	Condition	Min	Typ	Max		
Maximum Forward Voltage	V _{FM}				1.45	Volt	
Repetitive Peak Off- State Current at TC=150°C	I _{RRM}	V _R = V _{RRM} ,			10.0	mA	
Thermal Resistance (Junction to Case)	R _{TH (J-c)}				0.35	°C/W	
Mounting Torque	M _T				5.0	NM	
Weight	Wt				110	grms	

Mechanical Dimensions



All Dimensions in Inches (Millimeters)
Third Angle Projection