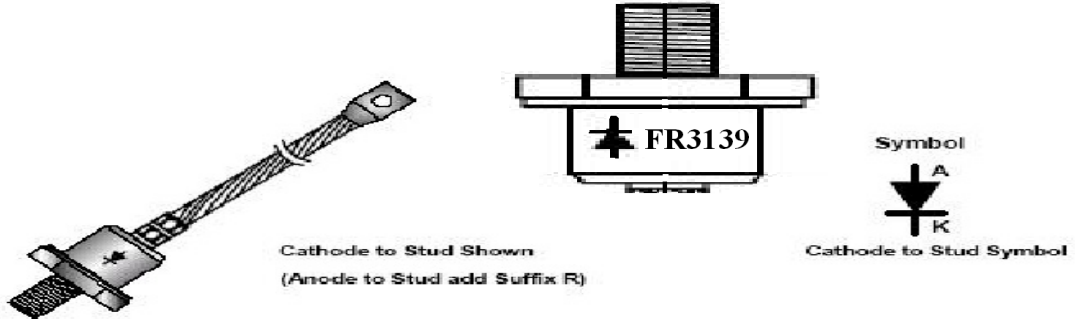
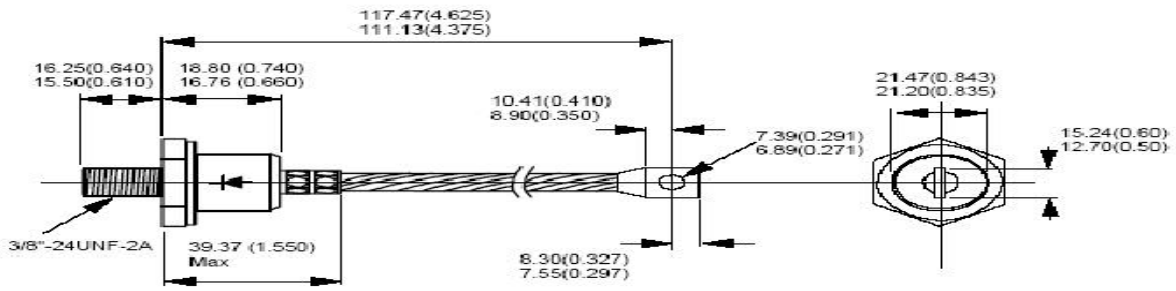


Description

100UR05~20



Mechanical Dimensions



DO-8

Electrical characteristics at T<sub>j</sub>=25C max. unless stated otherwise

	symbol	100UR05	100UR10	100UR15	100UR20	Unit
Repetitive Peak Reverse Voltage	V <sub>rrm</sub>	50	100	150	200	V
Max. Average On-State Current	I <sub>F(av)</sub>	100				A
Peak Forward Surge Current	I <sub>FSM</sub>	1600				A
Max. I <sup>2</sup> T for Fusing	I <sup>2</sup> T	10700				A <sup>2</sup> /S
Max. Junction Temperature Range	T(stg)	<b>-65 to 200</b>				C
Max. Storage Temperature Range	T <sub>j</sub>	<b>-65 to 200</b>				C
Max. Forward Voltage	V <sub>f</sub>	<b>1.2 type</b>				V
Repetitive Peak Off-State Current @25C	I <sub>r1</sub>	20 type				uA
Repetitive Peak Off-State Current @150C	I <sub>r2</sub>	<b>5.0 type</b>				mA
Operating Frequency	f(max)	7.5				KHz
Thermal Resistance(junction to case)	R <sub>TH</sub>	0.4				C/W
Mounting Torque	M <sub>T</sub>	11.3				NM
Weight	W <sub>t</sub>	78				gms