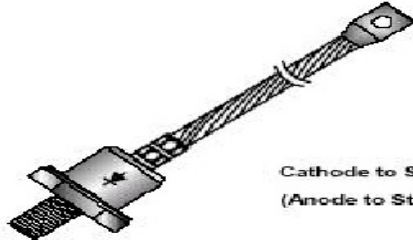
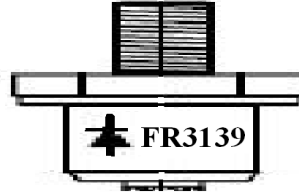


Description

100UR05~20



Cathode to Stud Shown
(Anode to Stud add Suffix R)

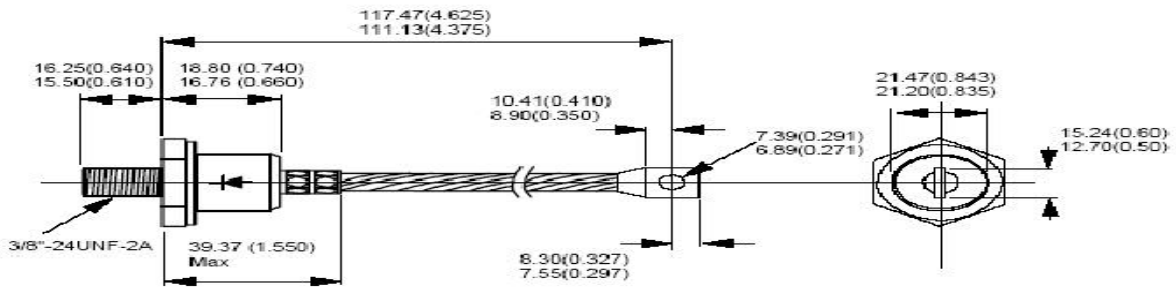


Symbol



Cathode to Stud Symbol

Mechanical Dimensions



DO-8

Electrical characteristics at $T_j=25C$ max. unless stated otherwise

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