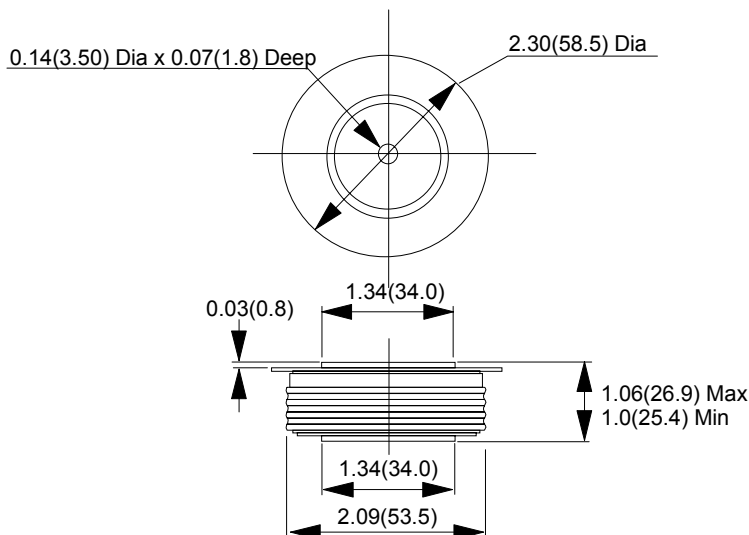


Case: B-Puk

MAXIMUM RATINGS ($T_j = 25^\circ\text{C}$ unless stated otherwise)					
Parameter	Symbol	SD2000C 04L	SD2000C 08L	SD2000C 10L	Unit
Repetitive Peak Reverse Voltage	V_{RRM}	400	800	1000	Volt
Maximum Average On-State Current	$I_{F(AV)}$	2100 at $TC=55^\circ\text{C}$			Amp
Peak Forward Surge Current	I_{FSM}	25000			Amp
Maximum I^2T for Fusing	I^2T	2608			A^2/S
Maximum Storage Temperature Range	$T_{(STG)}$	-55 to $+200$			$^\circ\text{C}$
Maximum Junction Temperature Range	T_j	-40 to $+180$			$^\circ\text{C}$

ELECTRICAL CHARACTERISICS at 25 °C Maximum Unless Stated			Value			Unit
Parameter	Symbol	Condition	Min	Typ	Max	
Maximum Forward Voltage	V _{FM}	I _{pk} = 6000 Amps			1.55	Volt
Repetitive Peak Off- State Current at TC=175°C	I _{RRM}	V _R = V _{RRM}			60.0	mA
Thermal Resistance (Junction toHeatsink)	R _{TH (J-h)}				0.073	°C/W
Mounting Torque	M _T				14700	NM
Weight	Wt				255	grms

Mechanical Dimensions



All Dimensions in Inches (Millimeters)
Third Angle Projection