SCP-5759

TECHNICAL DATA

PART NUMBER: SCP-5759, Rev-

LOW CAPACITANCE **HYPERABRUPT VARACTOR DIODE**

DESCRIPTION: A 22-VOLT LOW CAPACITANCE HYPERABRUPT VARACTOR DIODE IN A 2 LEAD **CERAMIC J PACKAGE**

For space level screening per MIL-STD-883, please add the letter "SS" to the end of the part number

DIODES RATING AND CHARACTERISTICS

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT
Breakdown Voltage @ 10 Microamps	VB	22	-	-	Volts
¹ Reverse Voltage	VR	-	-	22.0	Volts
¹ Forward Current	IF	-	-	50	mA
² Reverse Current	Ir	-	-	100	nA
¹ Power Dissipation	PD	-	-	250	mW
³ CT4	СТ	1.35	-	1.65	pF
⁴ CT20	СТ	.43	-	.58	pF
Q (-4V) @ 50 MHz	-	-	600		Q
¹ Maximum and Storage Junction Temperature	T _{jmax}	-55	-	150	°C
Operating Temperature	ТОР	-55	-	125	°C

¹ Absolute Maximum rating @ 25°C

² Max. at 20 volts

F=1 MHz - Vr = -4 volts (Total Capacitance)
F=1 MHz - Vr = -20 volts (Total Capacitance)

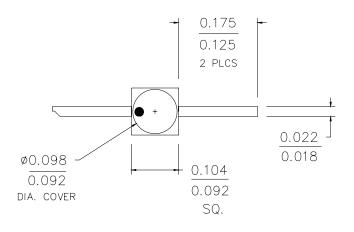
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Mechanical Dimensions: in inches





CASE OUTLINE AND PHYSICAL DIMENSIONS

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