TECHNICAL DATA
PART NUMBER: SCP-5758, Rev A

HYPERABRUPT VARACTOR DIODE

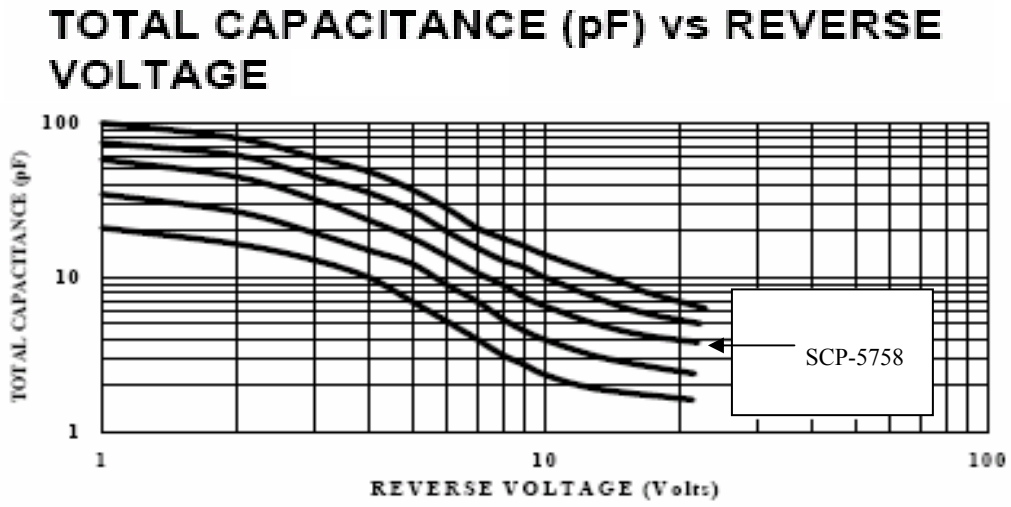
DESCRIPTION: A 22-VOLT HYPERABRUPT VARACTOR DIODE IN A 2 LEAD CERAMIC J PACKAGE

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	CT	19.63	-	24.05	pF
[4] CT2/CT20	TR	7.5	-	-	pF
Q (-4V) @ 50 MHz	-	-	100	175	Q
[1] Maximum and Storage Junction Temperature	T_{jmax}	-55	-	150	^{o}C
Operating Temperature	TOP	-55	-	125	^{o}C

[1] Absolute Maximum rating @ 25^{0}C
[2] Max. at 20 volts
[3] F=1 MHz – Vr = 4 volts (Total Capacitance)
[4] F=1 MHz Capacitance Ratio



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SENSITRON
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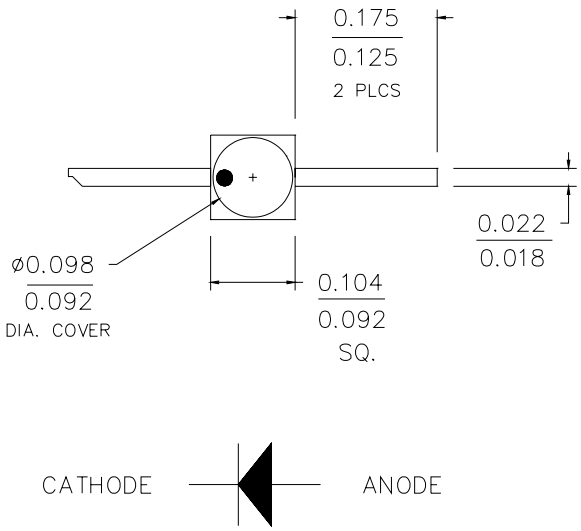
Mechanical Dimensions: in inches



CASE OUTLINE AND PHYSICAL DIMENSIONS