TECHNICAL DATA
PART NUMBER: SCP-5760, Rev-

GaAs CONSTANT GAMMA HYPERABRUPT VARACTOR DIODE

DESCRIPTION: A 22-VOLT GaAs CONSTANT GAMMA 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] Power Dissipation	PD	-	-	250	mW
[3] CT4	CT	4.7	-	-	pF
[4] CT2/CT20	TR	6.9 / 11.1			pF
Q (-4V) @ 50 MHz	-	1500	-	-	Q
Gamma – $V_{R=}$ 2-20 Volts	(γ)	1.13	-	1.38	-
[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 . VR measured at 10 microamps.
[2] Max. at 20 volts
[3] F=1 MHz – Vr = 4 volts (Total Capacitance)
[4] F=1 MHz Capacitance Ratio

*Capacitance curves similar to MA46481

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SENSITRON

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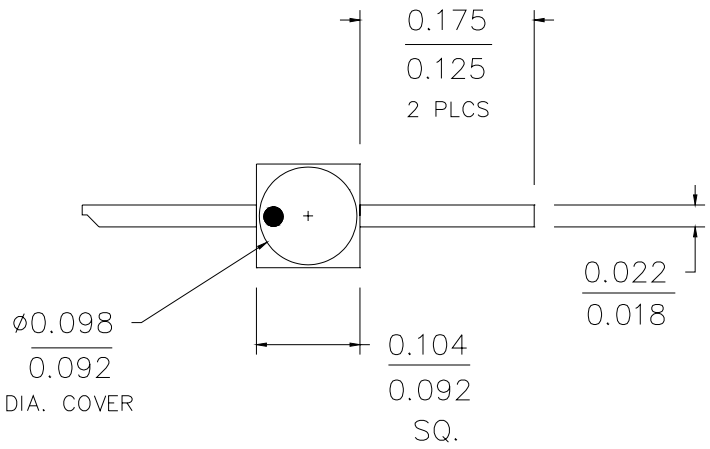
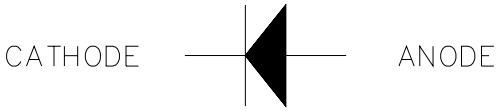
Mechanical Dimensions: in inches





CASE OUTLINE AND PHYSICAL DIMENSIONS

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