

New Jersey Semi-Conductor Products, Inc.

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PARAMETERS

1N82A
 GENERAL PURPOSE UHF/MW MIXER DIODE

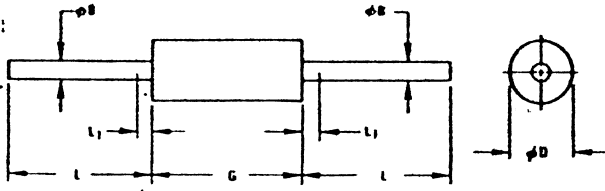
Description: General Purpose UHF/MW Mixer Diode

Manufacturer.....
 Mil/High-Rel? (Y/N).....
 Band..... UHF
 Test Freq..... 700M
 Min f Rnge (Hz).....
 Max. f Rnge (Hz).....
 NR Max.....
 Noise Fig. Max..... 14
 Max. Conv. Loss.....
 Inp VSWR Max.....
 If Imped. Min.....
 If Imped. Max.....
 Pwr In (test).....
 R(load) (j).....
 Zm (test).....
 Burnout Abs Max.....
 Mat..... Silicon
 Oper. Temp (x°C) Max.....
 Pkg Style..... D0-7
 Surface Mounted Yes/No..... NO

G Derating Begins at 75x°C

D0-7

MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS



SYMBOL	INCHES		MILLIMETERS		NOTES
	MIN.	MAX.	MIN.	MAX.	
BB	.018	.027	0.458	0.558	-
EC	.085	.107	2.16	2.71	1
G	.230	.300	5.85	7.62	1
L	1.000	-	25.40	-	-
L ₁	-	.050	-	1.27	2

NOTES:

1. PACKAGE CONTOUR OPTIONAL WITHIN CYLINDER OF DIAMETER ϕD AND LENGTH G. SLUGS, IF ANY, SHALL BE INCLUDED WITHIN THIS CYLINDER BUT SHALL NOT BE SUBJECT TO THE MINIMUM LIMIT OF ϕD .
2. LEAD DIAMETER NOT CONTROLLED IN THIS ZONE TO ALLOW FOR FLASH, LEAD FINISH BUILD-UP, AND MINOR IRREGULARITIES OTHER THAN SLUGS.



Quality Semi-Conductors