

New Jersey Semi-Conductor Products, Inc.

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PARAMETERS

1N4456

FAST RECTIFIER, 100MA < I(O)/I(F) s 200MA

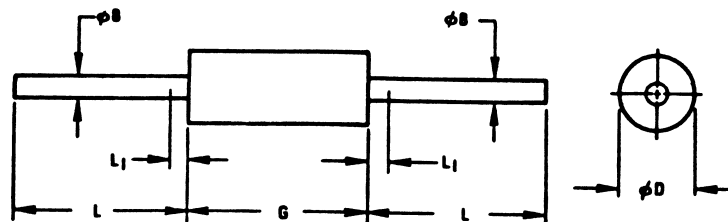
Description: Fast Rectifier, 100mA < I(O)/I(F) s 200mA

Manufacturer.....
 Mil/High-Rel? (Y/N).....
 I(out) (If AVG) Max..... 150m
 VRRM..... 35
 t(rr) (S)..... 1.5n
 @If (test)..... 400m
 @Ir (A)..... 400m
 Vf Max..... 1.0
 @If (test)..... 150m
 Ir @25xC..... 200n
 @Volts (test) (V)..... 30
 Ir @ Diff. Temp (A)..... 200u
 @Temp (test) (xC)..... 150
 Mat..... Silicon
 Oper. Temp (xC) Max..... 175
 Pkg Style..... DO-7
 Surface Mounted (Y/N)..... N

2 It(rms)

MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

SYMBOL	INCHES		MILLIMETERS		NOTES
	MIN.	MAX.	MIN.	MAX.	
ØB	.018	.022	0.458	0.558	-
ØD	.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 ØD AND LENGTH G. SLUGS, IF ANY, SHALL BE INCLUDED WITHIN THIS CYLINDER BUT SHALL NOT BE SUBJECT TO THE MINIMUM LIMIT OF ØD.
2. LEAD DIAMETER NOT CONTROLLED IN THIS ZONE TO ALLOW FOR FLASH, LEAD FINISH BUILD-UP, AND MINOR IRREGULARITIES OTHER THAN SLUGS.

