

*New Jersey Semi-Conductor Products, Inc.*

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PARAMETERS

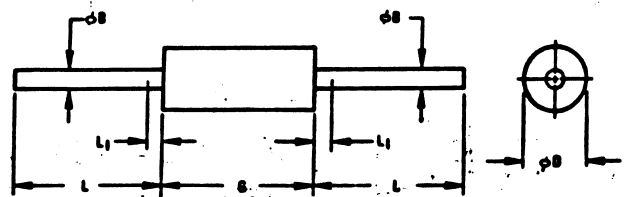
1N3758

SI RECTIFIER, 500mA  $\langle$  I(O)/I(F)  $\leq$  1A

Description: Si Rectifier, 500mA  $\langle$  I(O)/I(F)  $\leq$  1A

Manufacturer.....  
 Mil/High-Rel? (Y/N).....  
 I(out) (If AVG) Max..... 1.0  
     @Temp. (test) (x $\text{C}$ )..... 70  
 VRRM..... 400  
 1-Cycle Surge Current (A)..... 30  
 Vf Max..... 1.0  
     @If (test)..... 1.5  
     @Temp. (test) for Vf)..... 25  
 Ir @25x $\text{C}$ ..... 5.0u  
     @Volts (test) (V)..... 400  
 Ir @ Diff. Temp (A).....  
     @Temp (test) (x $\text{C}$ ).....  
 Oper. Temp (x $\text{C}$ ) Max..... 150  
 Pkg Style..... DO-15  
 Surface Mounted (Y/N)..... N

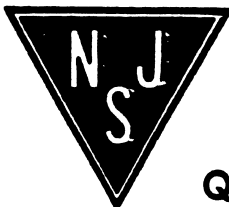
DO-15



SYMBOL	INCHES		MILLIMETERS		NOTES
	MIN.	MAX.	MIN.	MAX.	
øB	.027	.035	.686	.889	
øD	.104	.140	2.65	3.55	1
G	.230	.300	5.85	7.62	1
L	1.000		25.40		
L1		.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.



Quality Semi-Conductors