

New Jersey Semi-Conductor Products, Inc.

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PARAMETERS

SI RECTIFIER, 5A < I(O)/I(F) ≤ 10A

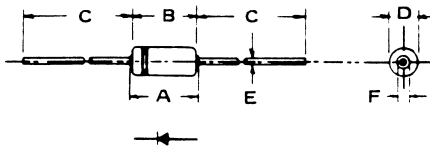
6A8

Description: Si Rectifier, 5A < I(O)/I(F) ≤ 10A

Manufacturer.....
 Mil/High-Rel? (Y/N).....
 I(out) (If AVG) Max..... 6.0
 @Temp. (test) (x°C)..... 60
 VRRM..... 800
 1-Cycle Surge Current (A)..... 400
 Vf Max..... 950m
 @If (test)..... 6.0
 @Temp. (test) for Vf)..... 25
 Ir @25x°C..... 10u
 @Volts (test) (V)..... 800
 Ir @ Diff. Temp (A)..... 100u
 @Temp (test) (x°C)..... 100
 Oper. Temp (x°C) Max..... 175u
 Pkg Style.....
 Surface Mounted (Y/N)..... N

u Junction Temperature 2 It(rms)

A277



Suffix	A	B	C	D	E	F	G
A277	.181 MAX	.177 MAX	1.06 MIN	.078 MAX	.019	.030	
A277a	.177 MAX		1.00 MAX	.072 MAX	.022		
A277b	.165 MAX		.984 MAX	.078 MAX	.019		
A277c	.167 MAX		1.00 MIN	.072 MAX	.022 MAX		
A277d		.378 MAX	.984 MIN	.181 MAX	.031		
A277e		.300	.975 MIN	.250	.048 .052		
A277f		.305 MAX	.972 MIN	.205 MAX	.048 .052		
A277g	.190 MAX	.181 MAX	1.18 MIN	.083 MAX	.020	.040	
A277h	.180 MAX		1.00 MIN	.068 .078	.018 .024	.036 MAX	
A277i	.185			.074	.019		1.023
A277k		.230 MAX	1.135 MIN	.120 MAX	.030 .034		
A277m		.354	1.082	.192	.047		
A277n	.196 MAX		1.18 MIN	.140 MAX	.031		
A277p	.200 MAX		1.14 MIN	.120 MAX	.030		
A277q	.185		1.00 MIN	.088 MAX	.0145 .0155		
A277r		.197	1.06 MIN	.118 MAX	.031		
A277s	.102 MAX		1.023 MIN	.078 MAX	.0187		
A277t	.300 MAX		1.0 MIN	.103 MAX	.020 NOM		

