

New Jersey Semi-Conductor Products, Inc.

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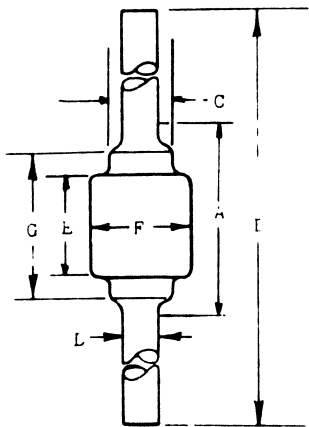
1N5190

FAST RECTIFIER, $2A < I(O)/I(F) \leq 5A$

Description: Fast Rectifier, $2A < I(O)/I(F) \leq 5A$

Manufacturer..... many
Mil/High-Rel? (Y/N).....
I(out) (If AVG) Max..... 3.0
VRRM..... 600
t(rr) (S)..... 150n
 @If (test)..... 500m
 @Ir (A)..... 1.0
Vf Max..... 1.1
 @If (test)..... 3
Ir @25°C..... 5.0u
 @Volts (test) (V)..... 600
Ir @ Diff. Temp (A)..... 100u
 @Temp (test) (°C)..... 100
Mat..... Silicon
Oper. Temp (°C) Max..... 200j
Pkg Style..... Axial-3
Surface Mounted (Y/N)..... N

J Junction Temperature It(rms)



	A	B	C	D	E	F	G
A146		1.562 1.688		.026 .030	.080 .110	.080 .110	.125 .161
A146a			.035	.020	.080	.070	
A146b			.055	.028	.085	.085	
A146c			.115	.040	.050	.145	
A146d		1.63		.028		.075	
A146e		2.03		.040		.120	
A146f	.250 MAX	1.68	.055	.028	.085	.085	
A146g	.250	2.25	.035	.020	.070	.080	
A146h	.260	2.30				.104	.160
A146j	.275	1.62		.028	.085	.085	
A146k	.300	2.30		.039 .041		.134 .136	
A146m	.350 MAX	2.300 MIN	.115 TYP	.039 .041	.100 TYP	.145 MAX	.175 TYP
A146n	.280	2.28		.039 .041			
A146p	.350 MAX	2.30 MIN		.039 .041	.100 .140	.100 .140	.150 .200
A146q	.236	2.41	.059	.043 MAX	.118 MAX	.112 MAX	
A146r	.250 MAX	1.625 1.675		.027 .029	.065 .085	.065 .085	
A146s	.170 MAX	2.122 MIN		.014 .021	.076 MAX	.076 MAX	
A146t	.300 MAX	2.300 2.400		.040 .140	.115 .140	.115 .140	
A146u	.200 .275	1.62 MIN		.027 .031	.085 TYP	.085 MAX	

Quality Semi-Conductors