

New Jersey Semi-Conductor Products, Inc.

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PARAMETERS

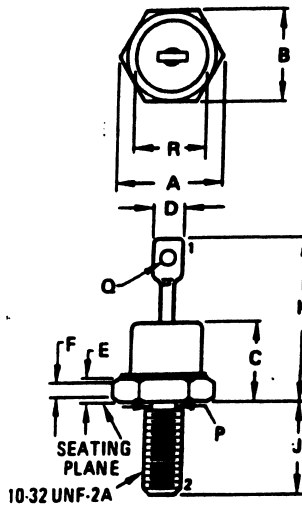
1N1199

SI RECTIFIER, $10A < I(O)/I(F) \leq 20A$

Description: Si Rectifier, $10A < I(O)/I(F) \leq 20A$

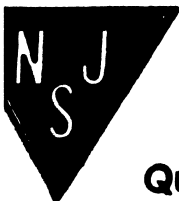
Manufacturer..... many
 Mil/High-Rel? (Y/N).....
 I(out) (If AVG) Max..... 12
 @Temp. (test) ($^{\circ}C$)..... 150#
 VRRM..... 50
 1-Cycle Surge Current (A)..... 240
 Vf Max..... 1.8
 @If (test)..... 40
 @Temp. (test) for Vf)..... 25#
 Ir @25 $^{\circ}C$ 10u
 @Volts (test) (V)..... 50
 Ir @ Diff. Temp (A)..... 10m
 @Temp (test) ($^{\circ}C$)..... 150#
 Oper. Temp ($^{\circ}C$) Max..... 190J
 Pkg Style..... DO-203AA
 Surface Mounted (Y/N)..... N

J Junction Temperature # Case Temperature It(rms)



DIM	MILLIMETERS		INCHES	
	MIN	MAX	MIN	MAX
A	11.94	12.83	0.470	0.505
B	10.77	11.10	0.424	0.437
C	-	10.29	-	0.405
D	-	6.35	-	0.250
E	1.91	4.45	0.075	0.175
F	1.52	-	0.060	-
J	10.72	11.51	0.422	0.453
K	-	20.32	-	0.800
P	4.14	4.80	0.163	0.189
Q	1.52	-	0.060	-
R	-	10.77	-	0.424

All JEDEC dimensions and notes apply



Quality Semi-Conductors