

*New Jersey Semi-Conductor Products, Inc.*

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PARAMETERS

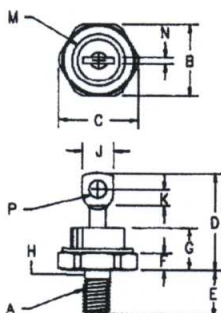
1N3912

FAST RECTIFIER,  $20A < I(O)/I(F) \leq 50A$

Description: Fast Rectifier,  $20A < I(O)/I(F) \leq 50A$

Manufacturer.....	many
Mil/High-Rel? (Y/N).....	
I(out) (If AVG) Max.....	30
VRRM.....	300
t(rr) (S).....	200n
@If (test).....	1.0
@Ir (A).....	
Vf Max.....	1.4
@If (test).....	30
Ir @25 C.....	25u
@Volts (test) (V).....	300
Ir @ Diff. Temp (A).....	1.0m
@Temp (test) (°C).....	100#
Mat.....	Silicon
Oper. Temp (°C) Max.....	150J
Pkg Style.....	DO-203AB
Surface Mounted (Y/N).....	N

J Junction Temperature # Case Temperature ☒ It(rms)



Dim.	Inches		Millimeter		Notes
	Minimum	Maximum	Minimum	Maximum	
A	---	---	---	---	1/4-28
B	.669	.688	16.99	17.48	
C	---	.794	---	20.16	
D	.750	1.000	19.05	25.40	
E	.422	.453	10.72	11.51	
F	.115	.200	2.92	5.08	
G	---	.450	---	11.43	
H	.220	.249	5.58	6.32	1
J	.250	.375	6.35	9.53	
K	.156	---	3.96	---	
M	---	.667	---	16.94	Dia.
N	.030	.080	.760	2.03	
P	.140	.175	3.56	4.45	Dia.



Quality Semi-Conductors