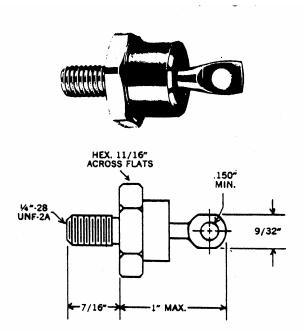
SERIES F3, F4, F5, F6, F7

Silicon Power Rectifiers

Edal Series F power rectifiers are stud mounted DO-5 packages. Because the silicon junction is carefully fitted within a glass-to-metal hermetically sealed case, reliable operation is assured, even with extreme humidity and under other severe environmental conditions. The series F power rectifiers are completely corrosion resistant. A double diffused, passivated junction technique is utilized to provide stable uniform electrical characteristics. Inherent in their design is very low leakage currents and excellent surge handling capability. Standard, bulk avalanche and fast recovery types in voltage ratings from 50 to 1500 volts PIV are available. Series F power rectifiers are also available in reverse polarity offering extended application parameters. Edal Series F power rectifiers are ideal for a broad range of commercial and military uses including power supplies, ultrasonic systems, inverters, welders, emergency generators, battery chargers, DC motors, and motor controls.

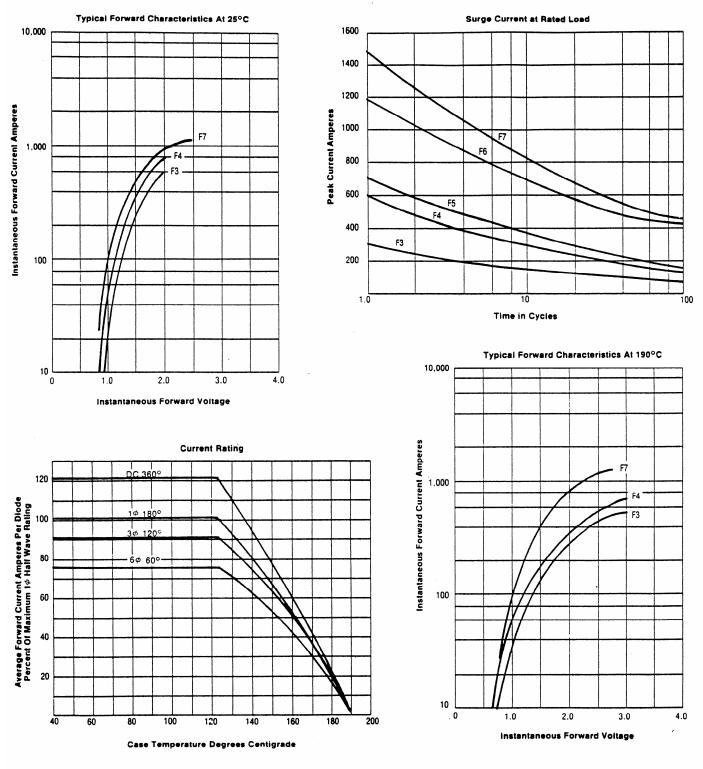


Specifications

85 AMP F7A3
F7A3
F7B3
F7C3
F7D3
F7E3
F7F3
F7G3
F7H3
F7K3
F7M3
F7N3
F7P3
F7R3
F7S3

ELECTRICAL RATINGS

F3	F4	F5	F6	F7
124	123	122	138	132
30	37	45	70	85
300	600	700	1200	1500
90	90	90	200	200
1.3	1.2	1.15	1.29	1.2
1.0	2.0	2.0	2.0	2.0
350	1500	2100	6000	9300
0.6	0.6	0.6	0.6	0.6
-65 to 200	-65 to 200	-65 to 200	-65 to 200	-65 to 200
-65 to 190	-65 to 190	-65 to 190	-65 to 190	-65 to 190
1.8	1.5	1.25	0.65	0.6
DO5	DO5	DO5	DO5	DO5
	124 30 300 90 1.3 1.0 350 0.6 -65 to 200 -65 to 190 1.8	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$



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