




FUKUCOM COMPANY LTD.

福 靈 有 限 公 司

FLAT P, 3/F., EVEREST INDUSTRIAL CENTRE, 396 KWUN TONG ROAD,
KWUN TONG, KOWLOON, HONG KONG.

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 AUTOMTIVE RECTIFIERS		DR351 THRU DR356					
FEATURES Low leakage Low forward voltage drop. High curmet capability. High forward surge current capability. MECHANICAL DATA Technology: vacuum soldered Case: Copper case Silastic:UL 94V-0 rate flame retardant Polarity:As marked of case bottom. Lead: Plated slug, solderable per MIL-STD-202E method 208C. Mounting position :Any. Weight: 0.034 ounce, 0.96 grams.		<p style="text-align: center;">DR25/35</p> <p style="text-align: center;">Dimensions in inches and (millimeters)</p>					
MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS Ratings at 25 ambient temperature unless otherwise specified. Single phase, half wave, 60Hz, resistive or inductive load. For capacitive load derate current by 20%.							
	SYMBOLS	DR351	DR352	DR353	DR354	DR356	UNITS
Maximum repetitive Peak Reverse Voltage	V_{RRM}	100	200	300	400	600	Volts
Maximum RMS Voltage	V_{RMS}	70	140	210	200	420	Volts
Maximum DC Blocking Voltage	V_{DC}	100	200	300	400	600	Volts
Maximum Average Forward Rectified Current at $T_C=105$	$I_{(AV)}$	35					Amps
Peak Forward Surge Current 8.3ms single half sine-wave superimposed on rated load (JEDEC Method)	I_{FSM}	400					Amps
Rating for Fusing (t<8.3ms)	I^2t	664					A ² S
Maximum Instantaneous Forward Voltage Drop at 80A	V_F	1.15					Volts
Maximum DC Reverse Current at rated DC blocking voltage	$T_A=25$	5.0					A
	$T_C=100$	350					
Typical Thermal Resistance at 0.5" (12.7mm) lead length (Note 1)	R_{JC}	0.8					/W
Operating and Storage Temperature Range	T_J, T_{STG}	-65 to +175					
NOTES: 1.P.C.B mounted.							