



Thin Mini-Dip (THIN MD)

Features

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Mechanical Data

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Dimensions in inches and (millimeters)

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%.

PARAMETER	SYMBOL	ABS22	ABS24	ABS26	ABS28	ABS210	UNIT
Maximum Recurrent Peak Reverse Voltage	V _{RRM}	200	400	600	800	1000	V
Maximum RMS Voltage	V _{RMS}	140	280	420	560	700	V
Maximum DC Voltage	V _{DC}	200	400	600	800	1000	V
Maximum Average Forward Rectified Current @Tc=100 °C	I _{F(AV)}	2.0					A
Peak Forward Surge Current 8.3ms Single Half Sine-Wave Superimposed on Raged Load (JEDEC method)	I _{FSM}	60					A
I ² t Raging for Fusing (t<8.3ms)	I ² t	14.94					A ² S
Maximum Instantaneous Forward Voltage at I _F =1.0A at I _F =2.0A	V _F	0.95 1.0					V
Maximum DC Reverse Current at T _A =25 °C at Raged DC Blocking Voltage T _A =125 °C	I _R	5.0 200					uA
Typical Thermal Resistance	R _{JL}	25					°C/W
	R _{JA}	62.5					
Operating and Storage Temperature Range	T _J , T _{STG}	-55 to +150					°C

ABS22 THRU ABS210

FIG.1 FORWARD CURRENT DERATING CURVE

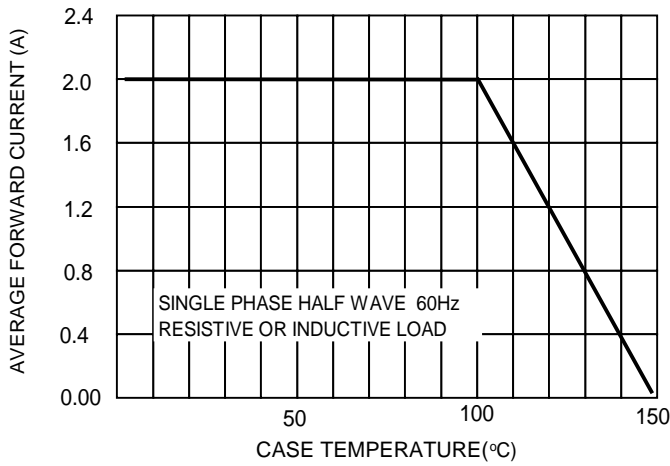


FIG.2 TYPICAL FORWARD CHARACTERISTICS

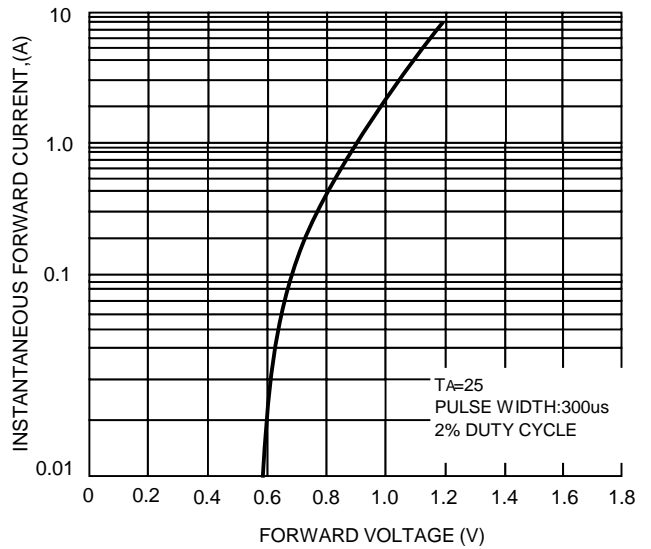


FIG.3 MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

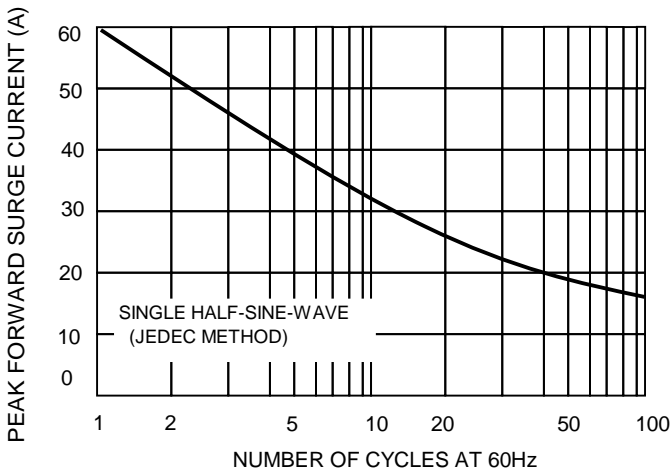
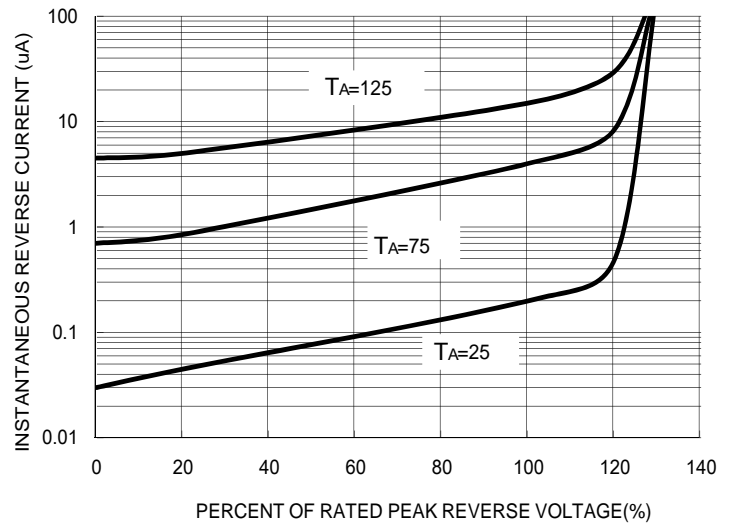


FIG. 4 TYPICAL REVERSE CHARACTERISTICS



ABS PAD LAYOUT

