

Input rectification

: TO-263

Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant

: Tin plated leads, solderable per J-STD-002 and JESD22-B102

: As marked

(T<sub>j</sub>=25 Unless otherwise specified

Device marking code			30EPSB16
Repetitive Peak Reverse Voltage per diode	V <sub>RRM</sub>	V	1600
Average Rectified Output Current @60Hz half sine-wave, R-load, T <sub>c</sub> (FIG.1)	I <sub>o</sub>	A	30
Surge(Non-repetitive)Forward Current @60Hz half sine-wave, 1 cycle, T <sub>j</sub> =25 per diode	I <sub>FSM</sub>	A	275
Current Squared Time @1ms t 8.3ms T <sub>j</sub> =25 rating of per diode	I <sup>2</sup> t	A <sup>2</sup> s	313
Storage Temperature	T <sub>stg</sub>		-55 ~ +150
Junction Temperature	T <sub>j</sub>		-55 ~ +150

T<sub>a</sub>=25 Unless otherwise specified

Maximum DC reverse current at rated DC blocking voltage per diode	I <sub>RRM</sub>	uA	V <sub>RM</sub> =V <sub>RRM</sub> T <sub>j</sub> =25	5
			V <sub>RM</sub> =V <sub>RRM</sub> T <sub>j</sub> =125	500
Typical junction capacitance per diode	C <sub>j</sub>	pF	Measured at 1MHz and Applied Reverse Voltage of 4.0 V.D.C	60

T<sub>j</sub>=25 Unless otherwise specified

Thermal Resistance	R <sub>J-C</sub>	/W	2.0

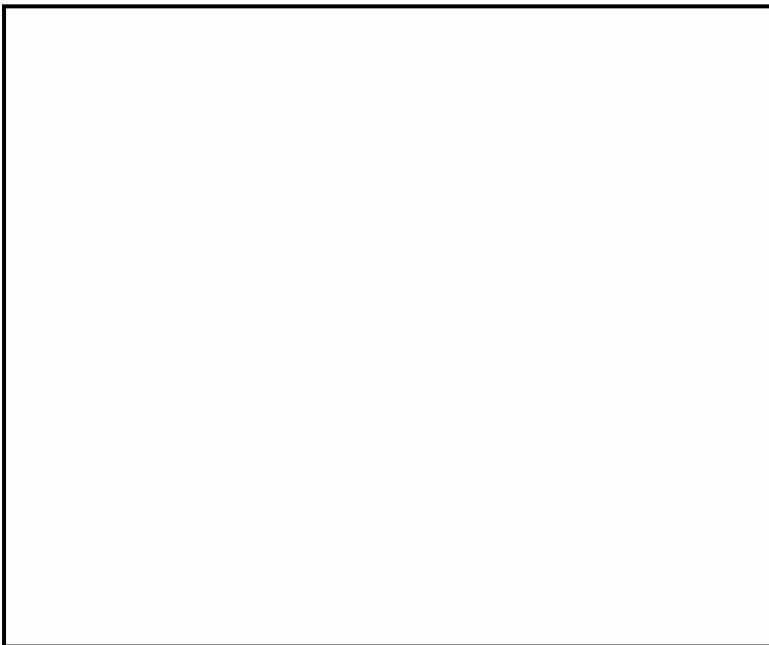
(Example)

30EPSB16	1.503	800		40000	Reel

(Typical)

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Dim	Min	Max
A	9.85	10.45
B	9.7	10.5
C - 0,		



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