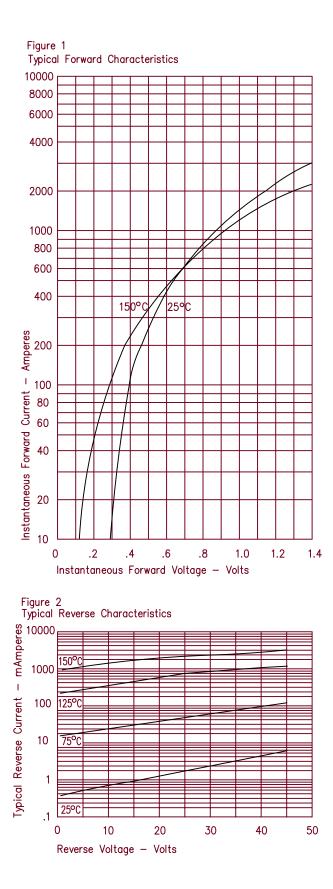
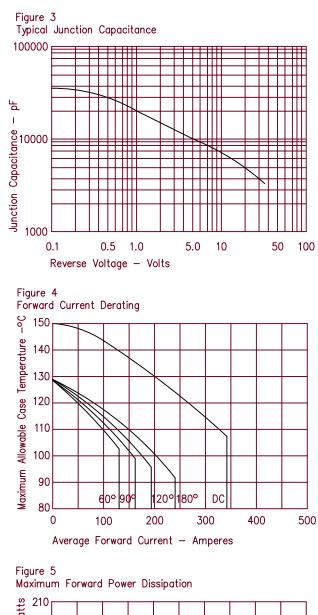
240 Amp Schottky Rectifier ロタンカンスト ロタンオンオト	
	11324043
	Dim. Inches Millimeter
	Minimum Maximum Minimum Maximum Notes
	A 1.52 1.56 38.86 39.62 B .725 .775 18.42 19.69 C .605 .625 15.37 15.88
—— К F _ с	D 1.182 1.192 30.02 30.28 E .745 .755 18.92 19.18 Sq.
	F .152 .160 3.86 4.06 Dia. G 1/4-20 UNC-2B
	H .570 .580 14.49 14.73 J .156 .160 3.96 4.06
	K .495 .505 12.57 12.83 Dia. L .120 .130 3.05 3.30
Catalog Number Part Number Reverse Voltage Reverse HS24035* 240NQ035,244NQ035 35V 35 MBRP20035L,MBRP30035L MBR24035 35V 35 HS24040* 240NQ040,244NQ040 40V 40 MBR24040 MBR24040 40V 40	tive Peak e Voltage 5V SV OV DV 5V SV EX EX EX EX EX EX EX EX EX EX EX EX EX
Electrical Characteristics	
Average forward currentI F(AV) 240 AmpsMaximum surge currentI FSM 3500 AmpMax repetitive peak reverse currentIR(OV) 2 AmpsMax peak forward voltageVFM 0.49 VoltsMax peak forward voltageVFM 0.55 VoltsMax peak reverse currentIRM 3.0 AMax peak reverse currentIRM 12 mATypical junction capacitanceCJ 10500 pF*Pulse test: Pulse width 300 µsec,	f = 1 KHz, 25°C, 1 µsec square wave IFM = 240A: ^T J = 125°C* IFM = 240A: ^T J = 25°C* VRRM, TJ = 125°C* VRRM, TJ = 25°C VR = 5.0V, TJ = 25°C
Thermal and Mechanical Characteristics	
Storage temp rangeTSTGOperating junction temp rangeTJMaximum thermal resistanceR ØJCTypical thermal resistance (greased)R ØCSTerminal torqueMounting torqueWeightWeight	-55°C to 175°C -55°C to 150°C 0.24°C/W Junction to case 0.12°C/W Case to sink 35-40 inch pounds 20-25 inch pounds 1.1 ounces (28 grams)

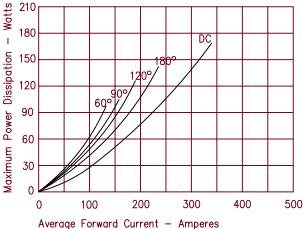
SCOTTSDALE SCOTTSDALE Scottsdale, AZ 85252 PH: (480) 941–6300 FAX: (480) 947–1503 www.microsemi.com

05-11-07 Rev. 4

HS24035 - HS24045







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