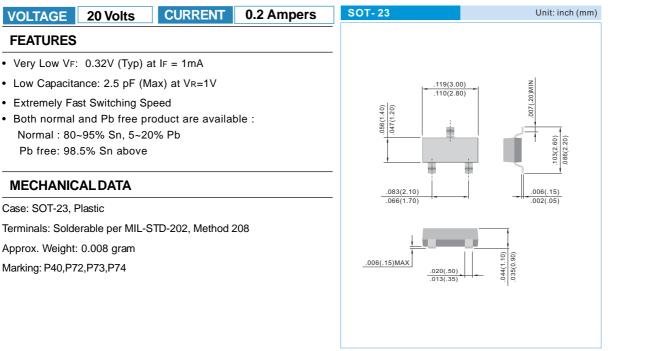


DATA SHEET

MMBD717/A/C/S

SURFACE MOUNT SCHOTTKY DIODES

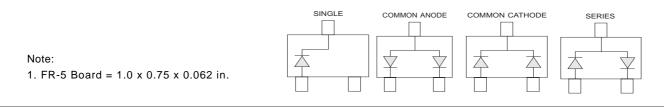


ABSOLUTE RATINGS

PARAMETER	Symbol	Value	Units
Maximum Reverse Voltage	VR	20	V
Peak Reverse Voltage	Vrrm	20	V
Maximum Forward Current	١F	0.2	А

THERMAL CHARACTERISTICS

PARAMETER	Symbol	MMBD717	MMBD717A	MMBD717C	MMBD717S	Units
Power Dissipation (Note 1)	Ртот		mW			
Thermal Resistance, Junction to Ambient	RθJA		°C/W			
Junction Temperature	TJ		°C			
Storage Temperature at Temp=25°C	ТІзтд	-55 to 150				°C
Circuit Figure		SINGLE	COMMON ANODE	COMMON CATHODE	SERIES	

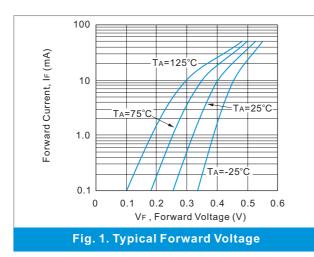


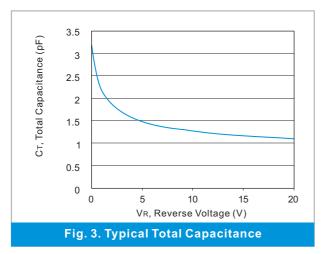


ELECTRICAL CHARACTERISTICS (each diode) (T₁ = 25°C unless otherwise noted)

PARAMETER	Symbol	Test Condition	MIN.	TYP.	MAX.	Units
Reverse Breakdown Voltage	V(BR)	IR=10 uA	20			V
Reverse Leakage Current	l r	VR=10 V			1.0	uA
Forward Voltage	VF	l⊧=1.0mA			0.37	V
Maximum Junction Capacitance	CJ	VR=1V, f=1.0MHz			2.5	pF

ELECTRICAL CHARACTERISTICS CURVE





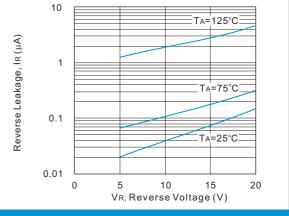
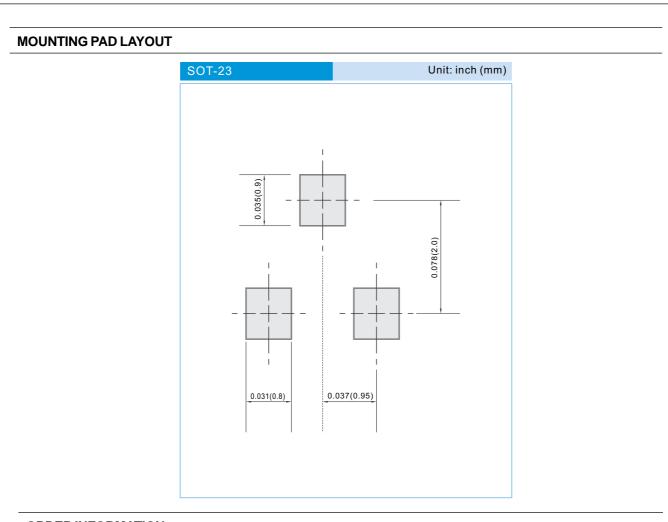


Fig. 2. Typical Reverse Leakage

1







ORDER INFORMATION

• Packing information

T/R - 12K per 13" plastic Reel

T/R - 3.0K per 7" plastic Reel

LEGAL STATEMENT

IMPORTANT NOTICE

This information is intended to unambiguously characterize the product in order to facilitate the customer's evaluation of the device in the application. The information will help the customer's technical experts determine that the device is compatible and interchangeable with similar devices made by other vendors. The information in this data sheet is believed to be reliable and accurate. The specifications and information herein are subject to change without notice. New products and improvements in products and product characterization are constantly in process. Therefore, the factory should be consulted for the most recent information and for any special characteristics not described or specified.

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