

1.0 Electrical Specifications

No.	Characteristics	Unit	Typical	Minimum	Maximum
1.1	Center Frequency	Mhz	3000	2750	3250
1.2	Insertion Loss at 3000 MHz	dB			1.0
1.3	VSWR From 2820 to 3180 MHz	dB		12	
1.4	Attenuation	At 2300 MHz	dB	40	
		At 5000 MHz	dB	40	
1.5	In/Out Impedance	Ohms	50		
1.6	Maximum input power (Average)	Watts			1
1.7	Maximum input power (Peak)	Watts			2

2.0 Environmental Specifications

2.1	Temperature range (operating)	-30°C to +85°C
2.2	Temperature range (non-operating)	-40°C to +100°C
2.3	Vibration	5 G's max.
2.4	Shock	15 G's max.
2.5	Humidity	90% Relative

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MODEL :

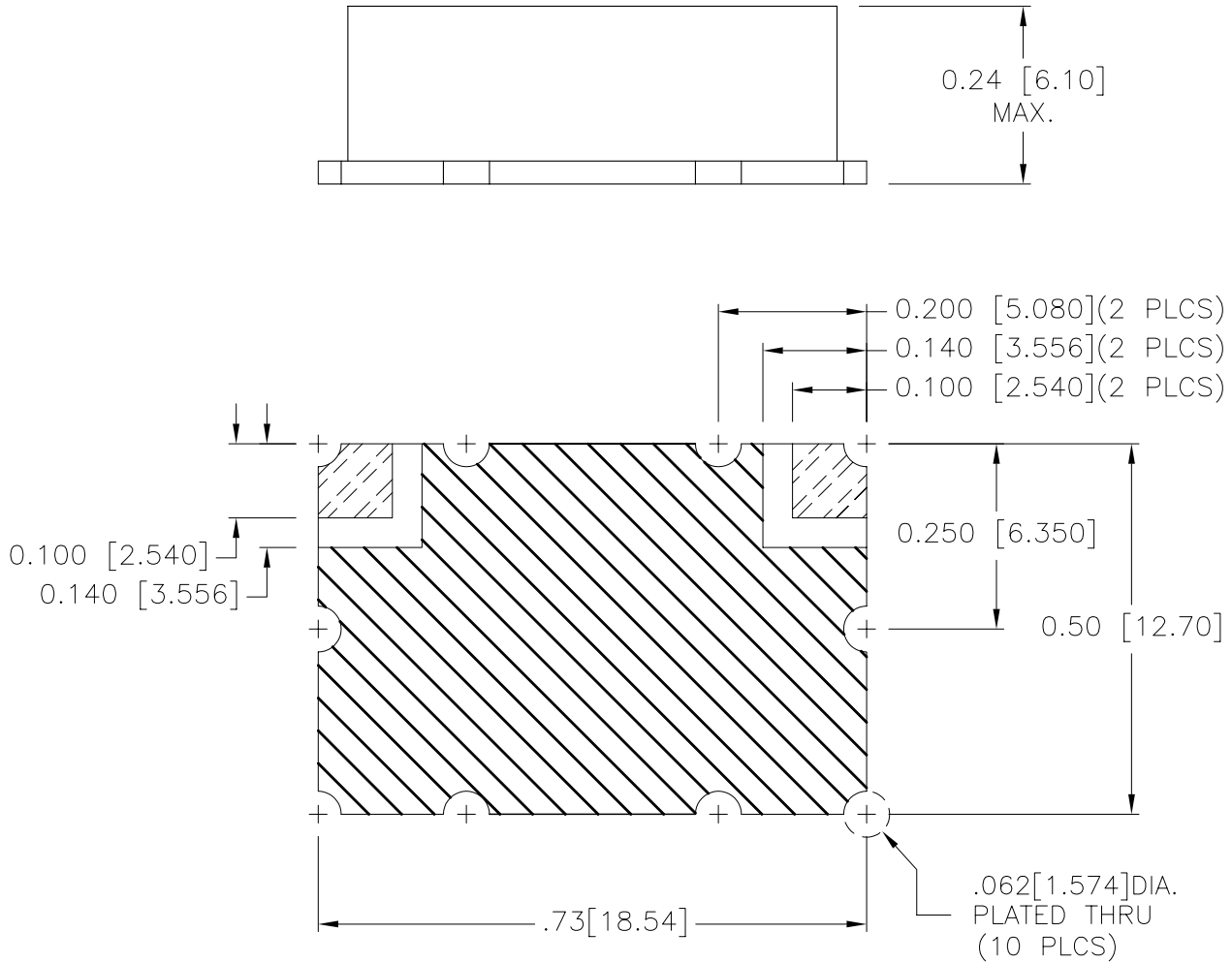
BP44R3000S500A



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SIZE A	CAGE CODE 1WTM6	DWG NO. 83119067	REV
SCALE NONE	FILE 83119067-23	SHEET 2 of 3	

3.0 Mechanical Specifications



 SOLDER MASK
SR100 (NO METAL)

 GROUND

 INPUT/OUTPUT

Material: Nickel silver

Finish: Tin/Nickel

Unless otherwise noted
Tol. are: inch [mm]

.XX ± 0.020 [0.508]

.XXX ± 0.010 [0.254]

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3 of 3

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