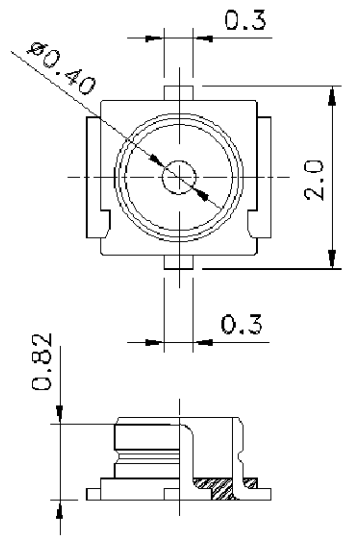
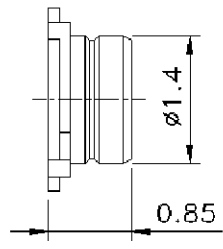
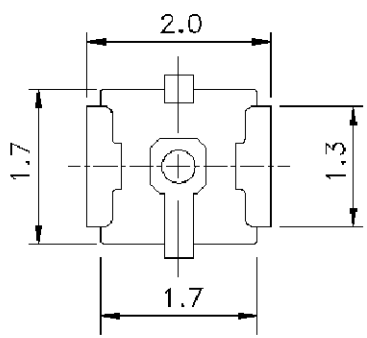
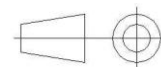


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All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
Body	BRONZE	GOLD
Center contact	BRASS	GOLD
Outer contact		
Insulator	LCP	
Gasket		
Others parts		
-	-	-
-	-	-

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PACKAGING

Standard	Unit	Other
5000	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance		50	Ω
Frequency		0-6	GHz
VSWR	1.35	+	0.0000 x F(GHz) Maxi
Insertion loss		NA	√F(GHz) dB Maxi
RF leakage	- (NA	- F(GHz) dB Maxi
Voltage rating		150	Veff Maxi
Dielectric withstanding voltage		200	Veff mini
Insulation resistance		500	MΩ mini

ENVIRONMENTAL

Operating temperature	-40/+90	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

MECHANICAL CHARACTERISTICS

Center contact retention			
Axial force – Mating End		NA	N mini
Axial force – Opposite end		NA	N mini
Torque		NA	N.cm mini
Recommended torque			
Mating		NA	N.cm
Panel nut		NA	N.cm
Mating life		30	Cycles mini
Weight		0.0200	g

SPECIFICATION

OTHER CHARACTERISTICS

Assembly instruction:

Others:

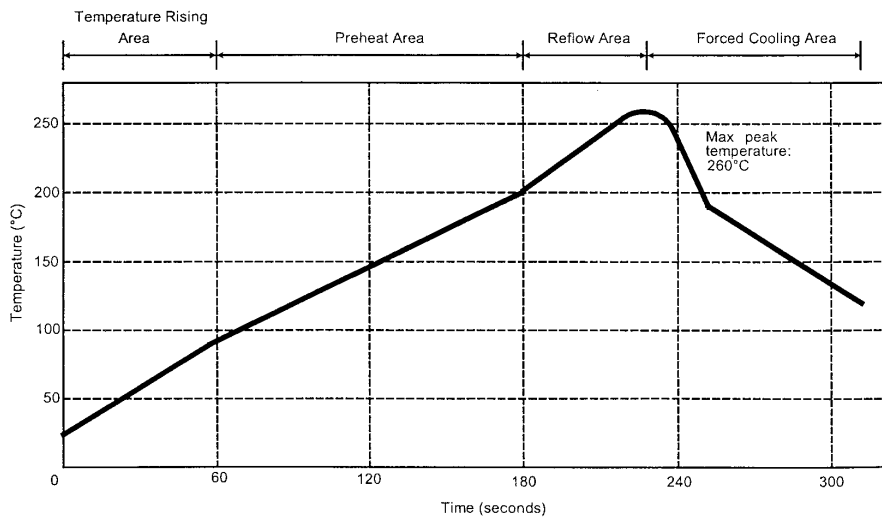
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SOLDER PROCEDURE

1. Deposit solder paste (Sn Ag4 Cu0.5) on solder pads / mounting area by screen printing application. We recommend a low residue flux. We advise a thickness of 150 micron (5.850 microinch). Verify that the edges of the pads are clean.
2. Place the component on the mounting area with a pick & place machine.
A video camera is recommended for a good positioning of the component.
Adhesive agents must not be used on the component.
3. This process of soldering has been tested with a convection oven.
Below please find the typical soldering profile to use.
4. Optional cleaning of printed circuit board.
5. Check solder joints and position of the component by visual inspection.

Note: When soldering a receptacle, no plug should be mated to the receptacle before completion of this procedure.

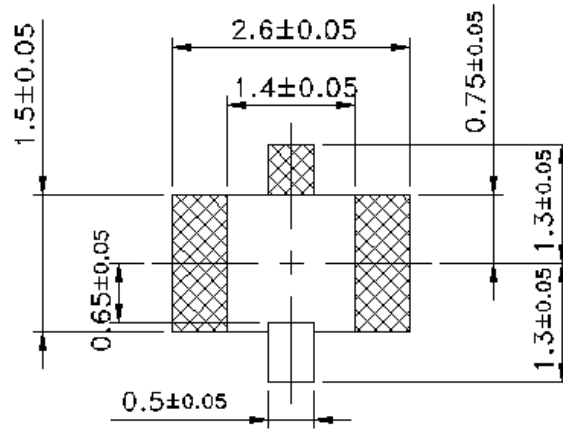
TEMPERATURE PROFILE



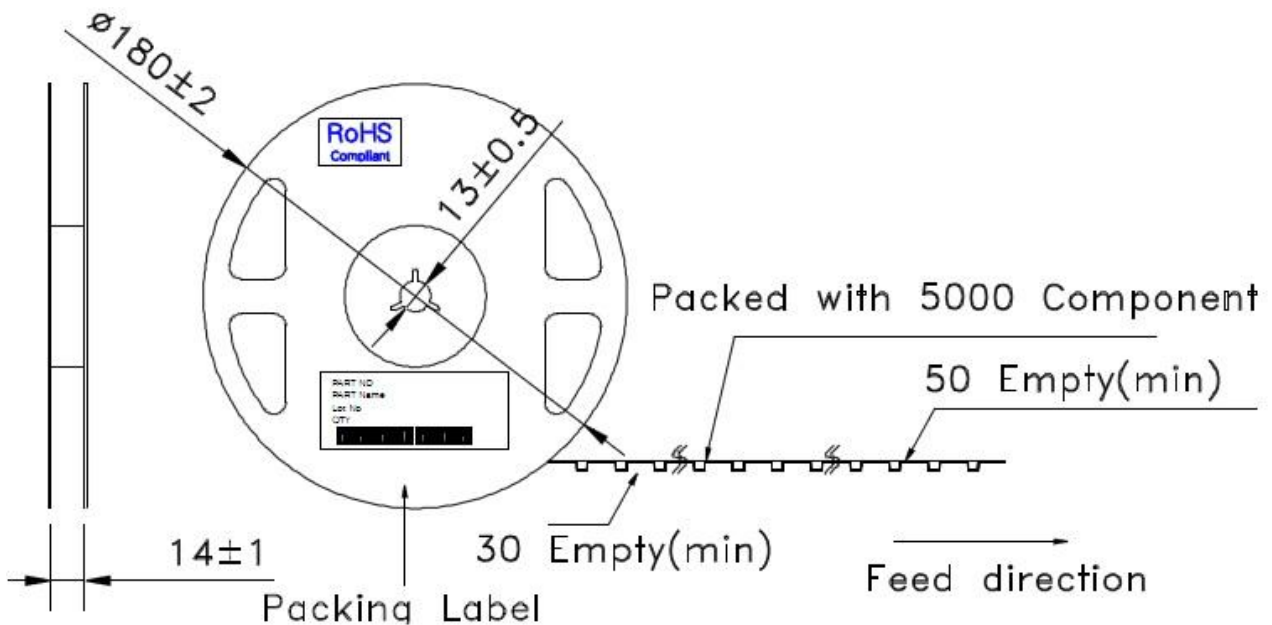
Parameter	Value	Unit
Temperature rising Area	1 to 4	°C/sec
Max Peak Temperature	260	°C
Max dwell time @260°C	10	sec
Min dwell time @235°C	20	sec
Max dwell time @235°C	60	sec
Temperature drop in cooling Area	-1 to - 4	°C/sec
Max dwell time above 100°C	420	sec

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RECOMMENDED PCB DIMENSIONS:



PACKAGE



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