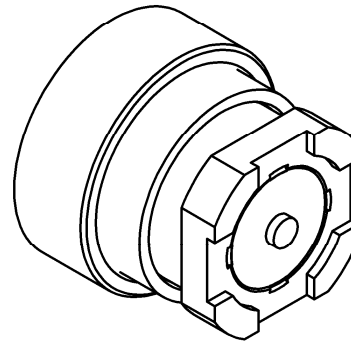
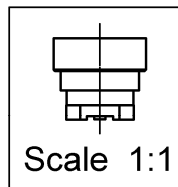
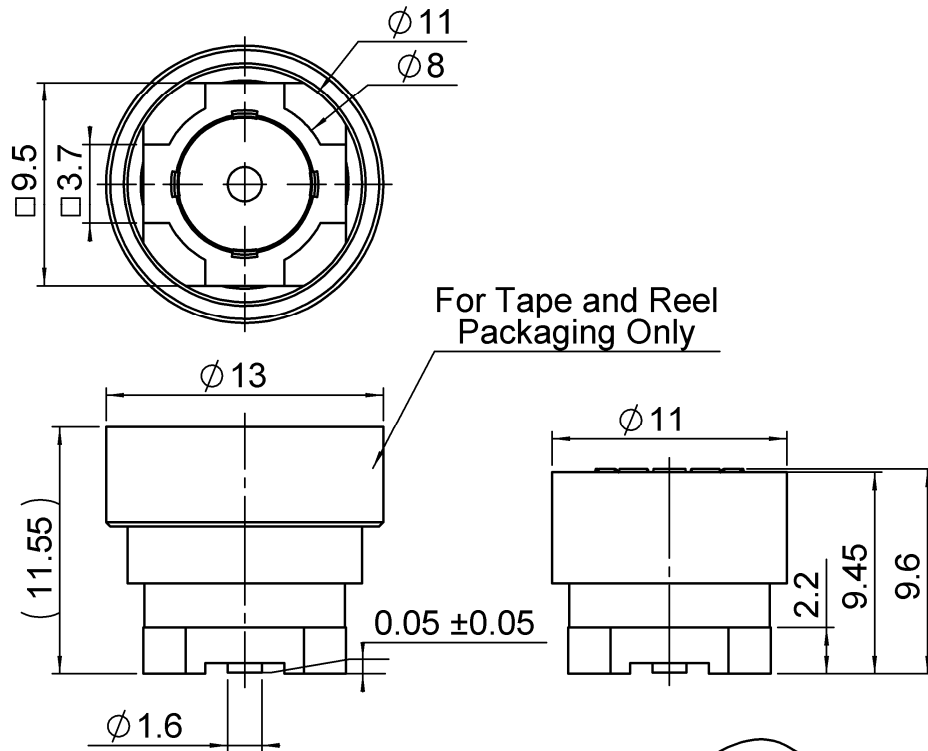


**STRAIGHT MALE RECEPTACLE FOR SMT**

**SNAP TYPE - REEL PACKAGE**

**R328.424.002**

Series : **BMR-SPRING**



All dimensions are in mm.

COMPONENTS	MATERIALS	PLATING (μm)
BODY	BRASS	NPGR ; BBR
CENTER CONTACT	BRASS	NPGR
OUTER CONTACT		
INSULATOR	PEEK	
GASKET		
OTHERS PARTS	BERYLLIUM COPPER , PTFE	BBR
-	-	-
-	-	-

**Issue : 1022 A**

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

**RADIAL** 

**STRAIGHT MALE RECEPTACLE FOR SMT****R328.424.002****SNAP TYPE - REEL PACKAGE**Series : **BMR-SPRING****PACKAGING**

Standard	Unit	Other
<b>250</b>	<b>'W' option</b>	<b>Contact us</b>

**SPECIFICATION****ELECTRICAL CHARACTERISTICS**

Impedance	<b>50</b>	$\Omega$
Frequency	<b>0-8</b>	GHz
VSWR	<b>1.2* + 0.0000</b>	x F(GHz) Maxi
Insertion loss	<b>0.1**</b>	$\sqrt{F(\text{GHz})}$ dB Maxi
RF leakage	- ( <b>TBT</b> )	- F(GHz)) dB Maxi
Voltage rating	<b>500</b>	Veff Maxi
Dielectric withstanding voltage	<b>1000</b>	Veff mini
Insulation resistance	<b>5000</b>	M $\Omega$ mini

**ENVIRONMENTAL**

Operating temperature	<b>-40/+120</b>	$^{\circ}\text{C}$
Hermetic seal	<b>NA</b>	Atm.cm3/s
Panel leakage	<b>NA</b>	

**OTHER CHARACTERISTICS**

Assembly instruction	<b>NA</b>
----------------------	-----------

Others :

\*up to 3GHz , 0-6GHz:1.25Max,0-8GHz:1.35

\*Measured by one bullet+two connectors

\*,\*\*Coaxial Transmission Line Only

**MECHANICAL CHARACTERISTICS**

Center contact retention	
Axial force – Mating end	<b>18</b> N mini
Axial force – Opposite end	<b>18</b> N mini
Torque	<b>NA</b> N.cm mini
Recommended torque	
Mating	<b>NA</b> N.cm
Panel nut	<b>NA</b> N.cm
Mating life	<b>100</b> Cycles mini
Weight	<b>5.0900</b> g

Issue : 1022 A

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## STRAIGHT MALE RECEPTACLE FOR SMT

## SNAP TYPE - REEL PACKAGE

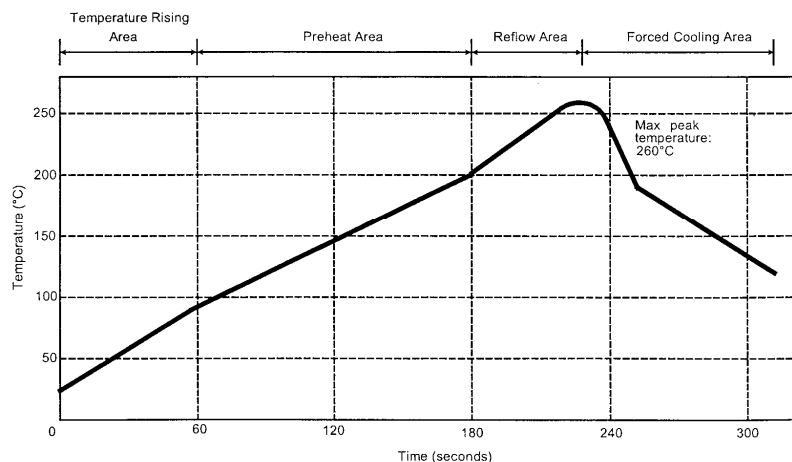
**R328.424.002**

Series : BMR-SPRING

**SOLDER PROCEDURE**

1. Deposit solder paste 'SnAg4Cu0.5' on mounting zone by screen printing application. We recommend a low residue flux.  
We advise a thickness of 150 micromm ( 5.850 microinch ). Verify that the edges of the zone are clean.
2. Placement of the receptacle on the mounting zone with an automatic machine of 'pick and place' type. A video camera is recommended for positioning of the component . Adhesive agents must not be used on the receptacle.
3. This process of soldering has been tested with convection oven .Below please find ,the typical profile to use.
4. The cleaning of printed circuit boards is not obliged .

Verification of solder joints and position of the component by visual inspection.

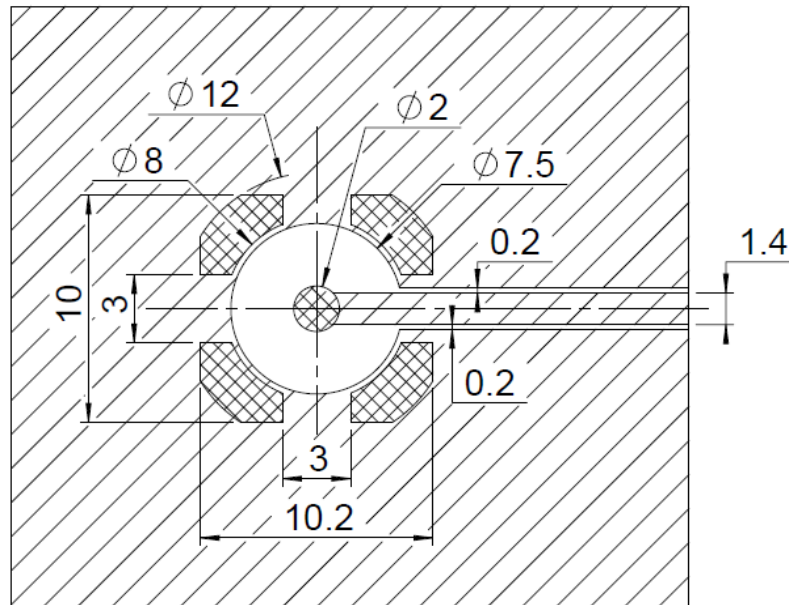

**TEMPERATURE PROFILE**


Parameter	Value	Unit
Temperature rising Area	1 - 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

**Issue : 1022 A**

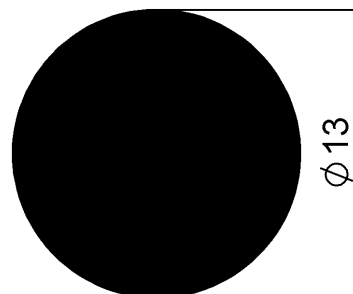
In the effort to improve our products, we reserve the right to make changes judged to be necessary.

**RADIAL**

**STRAIGHT MALE RECEPTACLE FOR SMT****R328.424.002****SNAP TYPE - REEL PACKAGE**Series : **BMR-SPRING**PCB Layout
 Land for solder paste

 Pattern

COPLANAR LINE : Pattern and signal are on the same side. Thickness of PCB = 1.5 mm(double sides). The material of PCB is RO4350. The solder resist should be printed except for the land pattern on the PCB.

**Shadow of receptacle for video camera**

Issue : 1022 A

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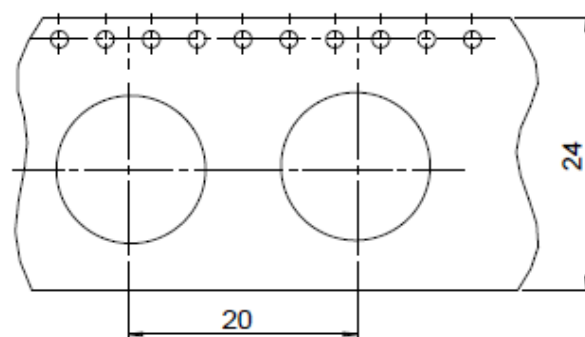
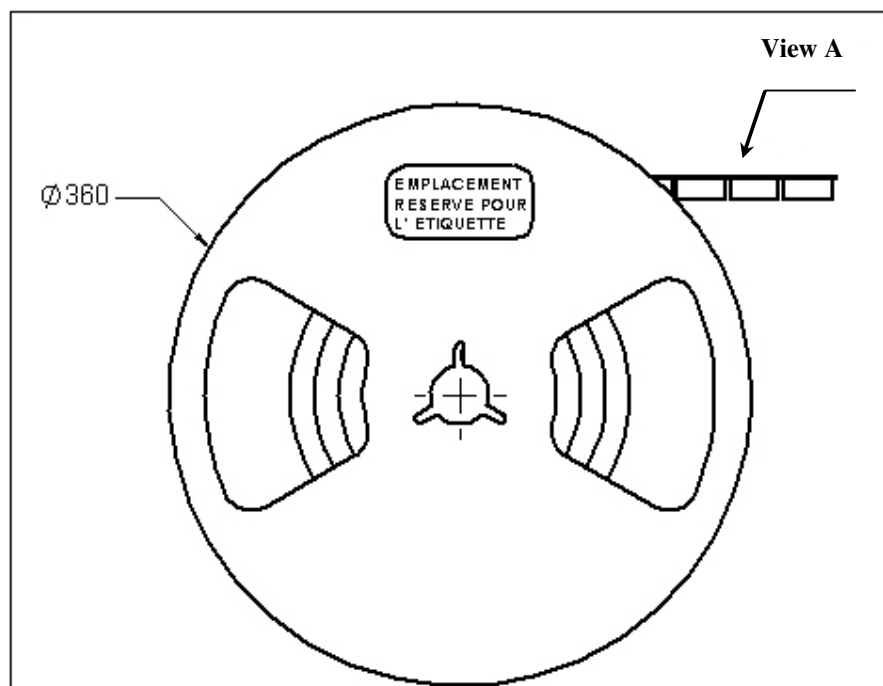
**RADIAL** 

## STRAIGHT MALE RECEPTACLE FOR SMT

## SNAP TYPE - REEL PACKAGE

**R328.424.002**

Series : BMR-SPRING

PACKAGE**View A****Issue : 1022 A**

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