

TECHNICAL DATA SHEET 2/5			
STRAIGHT MALE RECEPTACLE SN	ит R222.941.300		
LIMITED DETENT-TAPE AND REEL B	Y 500 Series : SMP-COM		
PACKAGING Standard Unit	SPECIFICATION		
StandardUnitOther500Contact us			
ELECTRICAL CHARACTERISTICS	<u>ENVIRONMENTAL</u>		
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Operating temperature -55/+125 ° C Hermetic seal NA Atm.cm3/s Panel leakage NA		
Dielectric withstanding voltage500Veff miniInsulation resistance5000MΩ mini	OTHER CHARACTERISTICS		
MECHANICAL CHARACTERISTICS Center contact retention Axial force – Mating end 6.8 N mini Axial force – Opposite end 6.8 N mini Torque NA N.cm mini	Assembly instruction NA Others : * ROS 1.35 at 12.4GHz **ROS at 6GHz		
Recommended torqueMatingNAPanel nutNANAN.cm			
Mating life 100 Cycles mini Weight 0,3310 g			
Issue : 1316 C In the effort to improve our products, we reserve the right to make chancessary.	anges judged to be RADIALLE		

TECHNICAL DATA SHEET

STRAIGHT MALE RECEPTACLE SMT

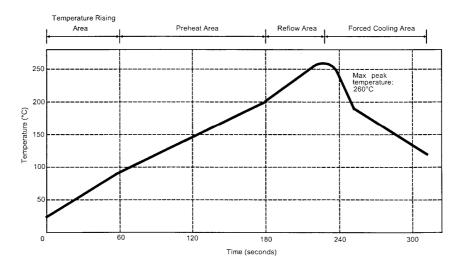
LIMITED DETENT-TAPE AND REEL BY 500

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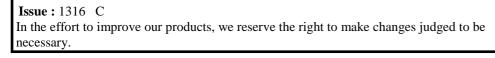
SOLDER PROCEDURE

- 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 .
- 5. 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





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COPLANAR LINE

Pattern and signal are on the same side. Thickness of PCB : 1.6mm The material of PCB is the epoxy resin of glass fabrics bacs (ER:4.8). The solder resist should be printed exept for the land pattern on the PCB.

