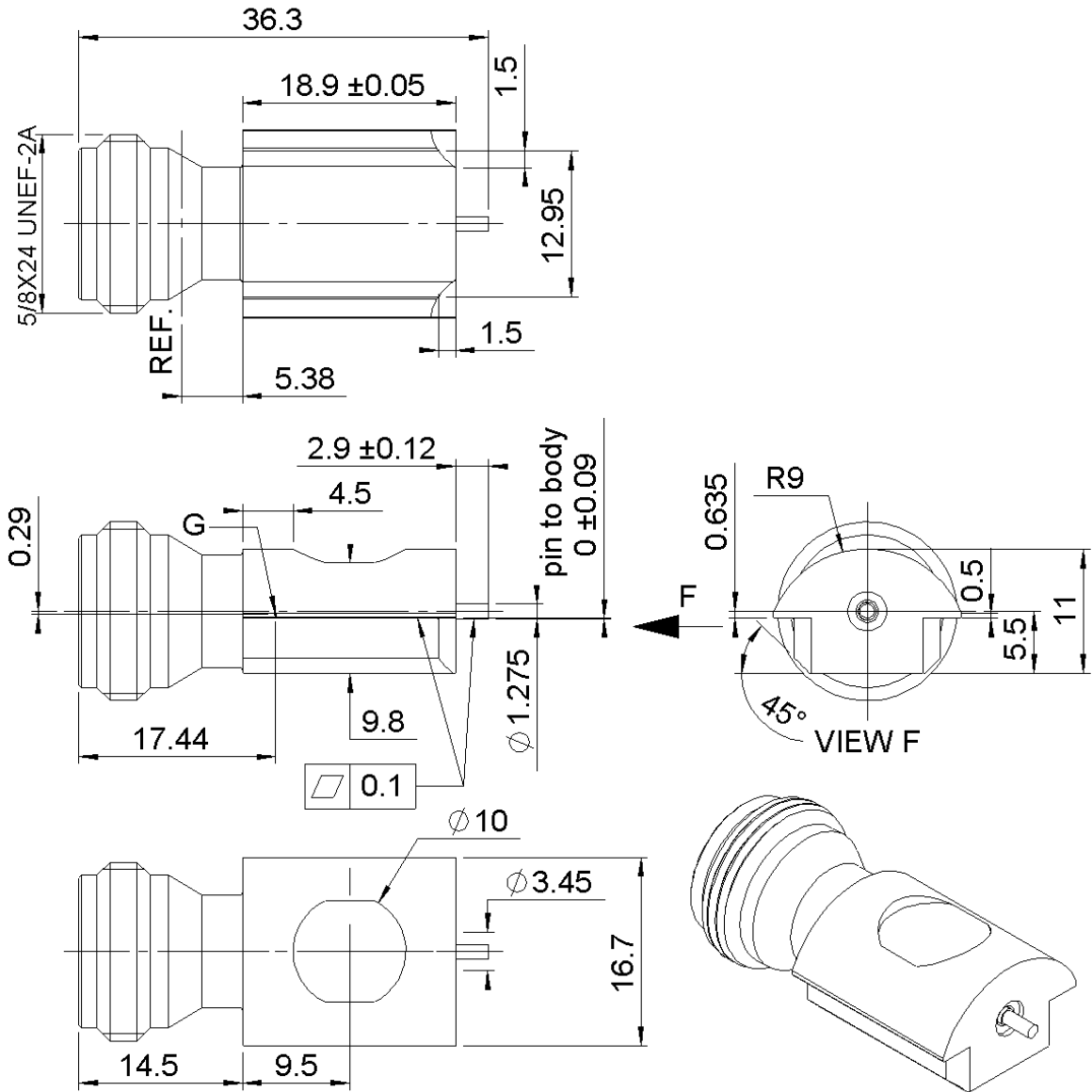


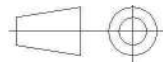
EDGE CARD FEMALE RECEPTACLE

R161.427.223

Series : N



All dimensions are in mm.



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

Issue : 0749 B

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



EDGE CARD FEMALE RECEPTACLE

R161.427.223

Series : N

PACKAGING

SPECIFICATION

Standard	Unit	Other
20	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

ENVIRONMENTAL

Impedance	50	Ω
Frequency	0-11	GHz
VSWR	1.2 + 0,0000	x F(GHz) Maxi
Insertion loss	0.15	$\sqrt{F(GHz)}$ dB Maxi
RF leakage	- (NA)	- F(GHz)) dB Maxi
Voltage rating	1400	Veff Maxi
Dielectric withstanding voltage	1500	Veff mini
Insulation resistance	5000	M Ω mini

Operating temperature	-55/+155	$^{\circ}$ C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

OTHER CHARACTERISTICS

Assembly instruction **NA**

Others :
0-3GHz

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating end	27	N mini
Axial force – Opposite end	20	N mini
Torque	NA	N.cm mini
Recommended torque		
Mating	NA	N.cm
Panel nut	NA	N.cm
Mating life	500	Cycles mini
Weight	28,7000	g

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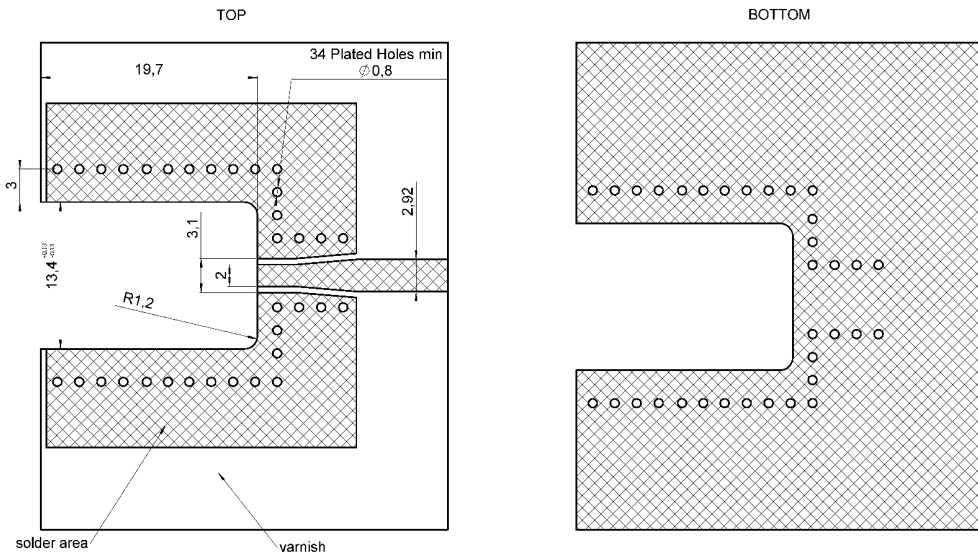
EDGE CARD FEMALE RECEPTACLE

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Series : N

N SERIES - INFORMATIONS

Strip line Thickness of PCB : 1.6mm
 The material of PCB is FR4 . (Er = 4.6) .



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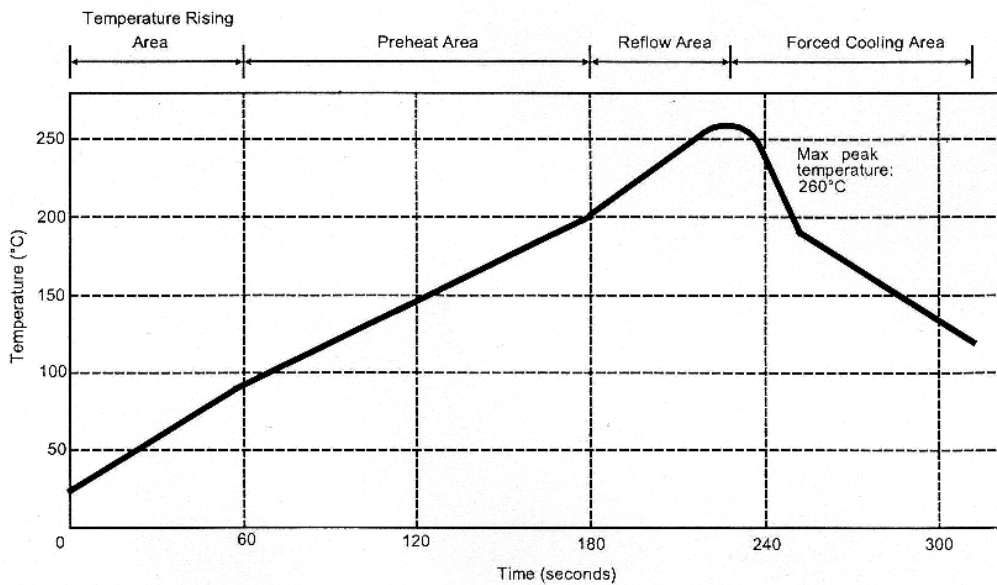
EDGE CARD FEMALE RECEPTACLE

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SOLDER PROCEDURE

1. Deposition of solder paste 'Sn Ag4 Cu0.5' on mounting zone by screen printing application. We recommend a low residue flux.
We advise a thickness of 150 microns (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.
Video camera is recommended for the positioning of the component. Adhesive agents must not be used on the receptacle.
3. Soldering by infra-red reflow.
Below, please find the typical profile to use.
4. Cleaning of printed circuit boards.
5. Checking of solder joints and position of the component by visual inspection.



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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