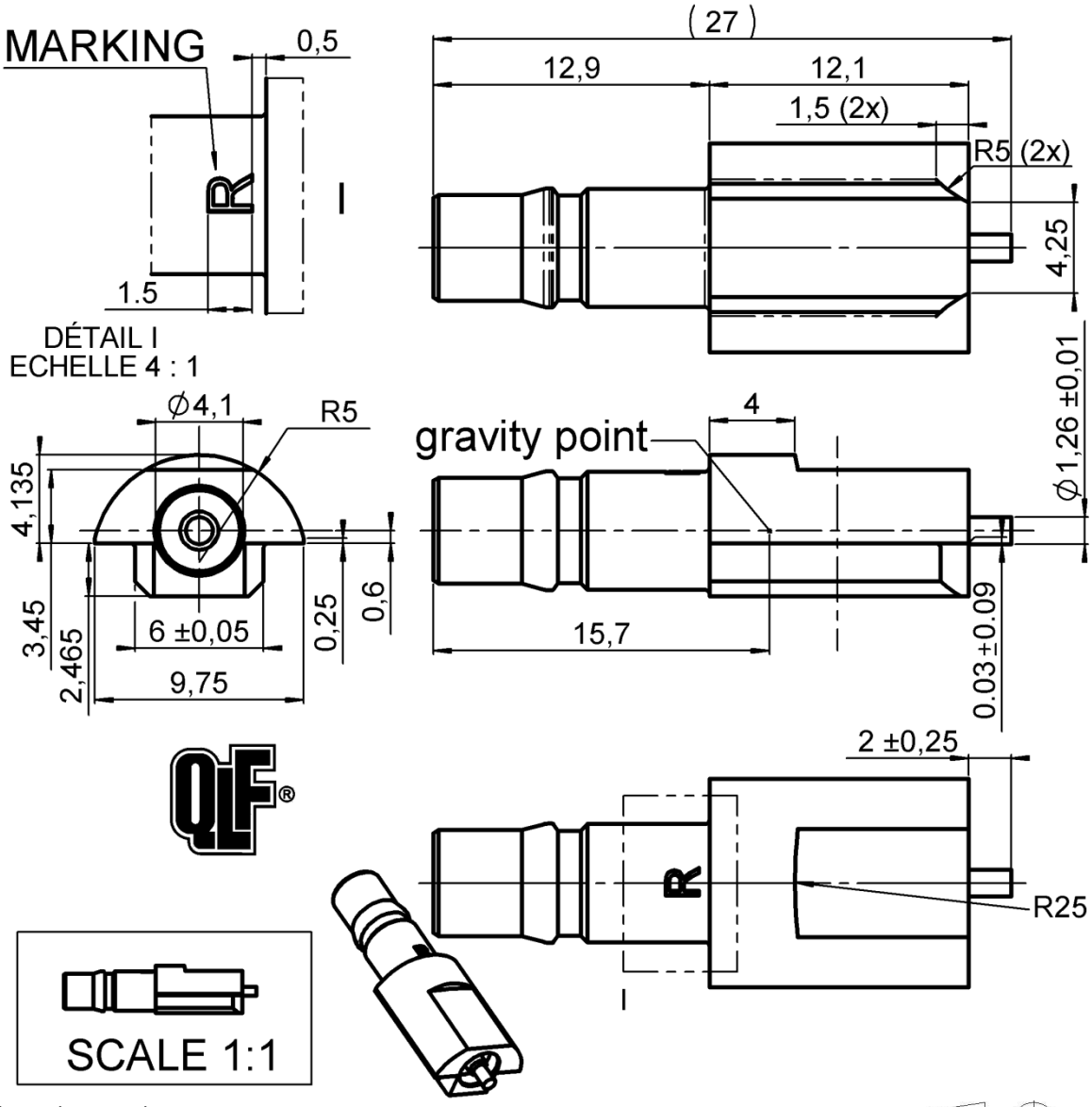
FEMALE EDGE CARD RECEPTACLE

REEL 300

R123.444.827

Series : **QMA**



All dimensions are in mm.

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

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

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PACKAGING

Standard	Unit	Other
300		**Contact us**

SPECIFICATION

1301-RNT 408 2024 Uen rev. C

ELECTRICAL CHARACTERISTICS

Impedance		**50**	Ω
Frequency		**0-6**	GHz
VSWR	**1.04** +	**0,0200**	x F(GHz) Maxi*
Insertion loss		**0.05**	√F(GHz) dB Maxi
RF leakage	- (	**80**	- F(GHz)) dB Maxi
Voltage rating		**500**	Veff Maxi
Dielectric withstanding voltage		**1000**	Veff mini
Insulation resistance		**5000**	MΩ mini

ENVIRONMENTAL

Operating temperature	**-40/+105**	° C
Hermetic seal	**NA**	Atm.cm3/s
Panel leakage	**NA**	

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating end	**27**	N mini
Axial force – Opposite end	**27**	N mini
Torque	**NA**	N.cm mini
Recommended torque		
Mating	**NA**	N.cm
Panel nut	**NA**	N.cm
Mating life	**100**	Cycles mini
Weight	**4,6850**	g

OTHERS CHARACTERISTICS

Assembly instruction

Others :
COAXIAL TRANSMISSION LINE ONLY

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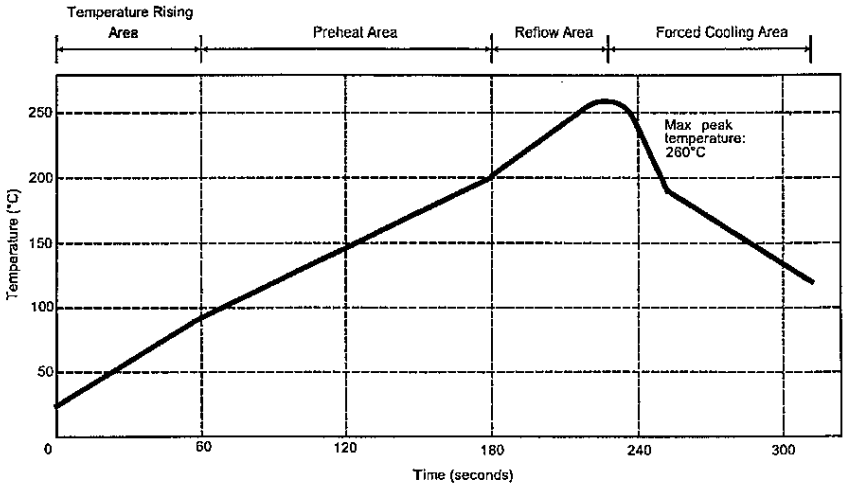
Series : **QMA**

SOLDER PROCEDURE

1. **Deposit 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 microm (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.**

NOTE : The receptacle and the plug must not be mated before completion of this procedure

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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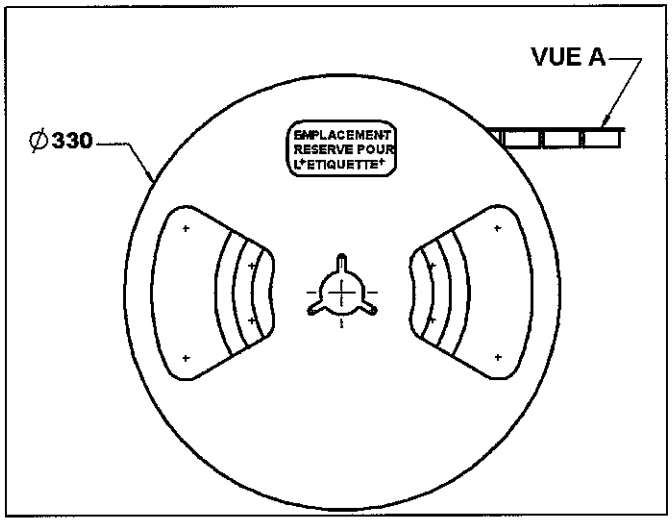
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FEMALE EDGE CARD RECEPTACLE

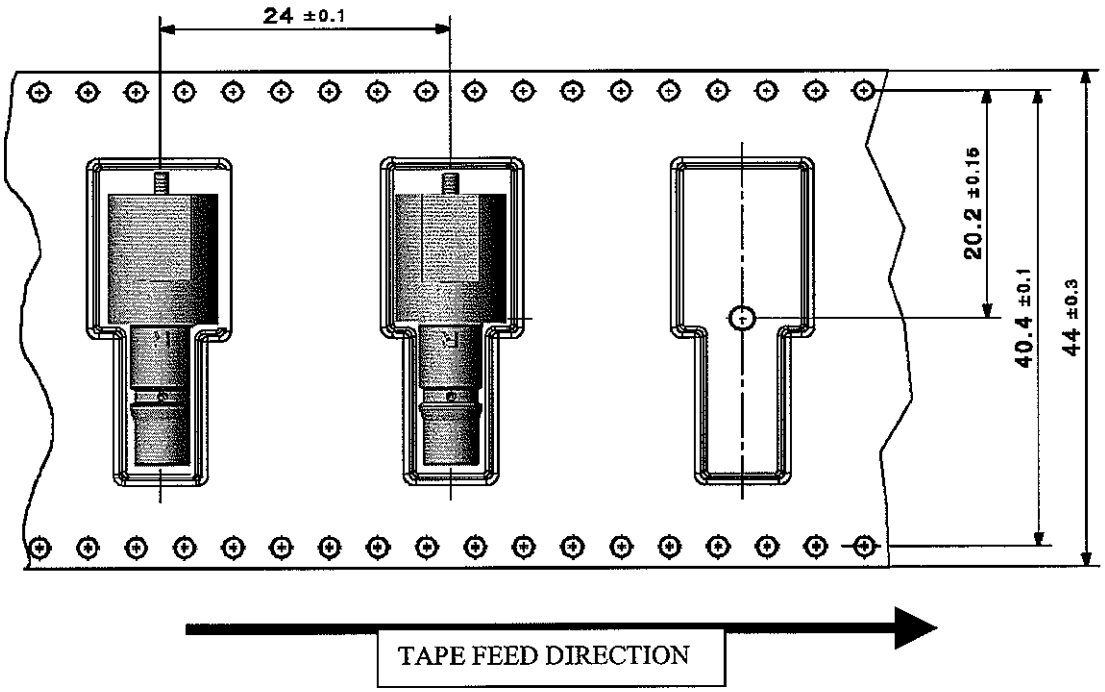
REEL 300

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Series : **QMA**



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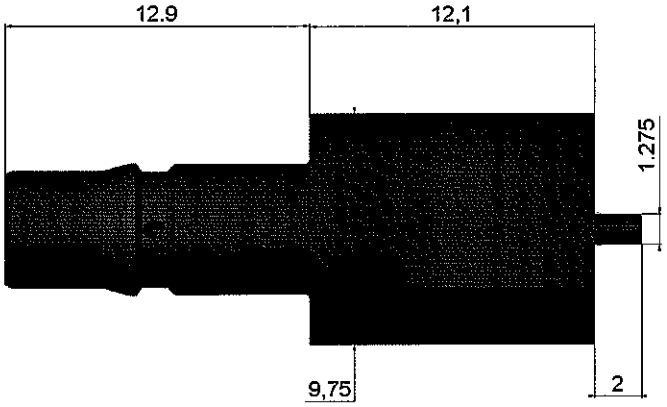
FEMALE EDGE CARD RECEPTACLE

REEL 300

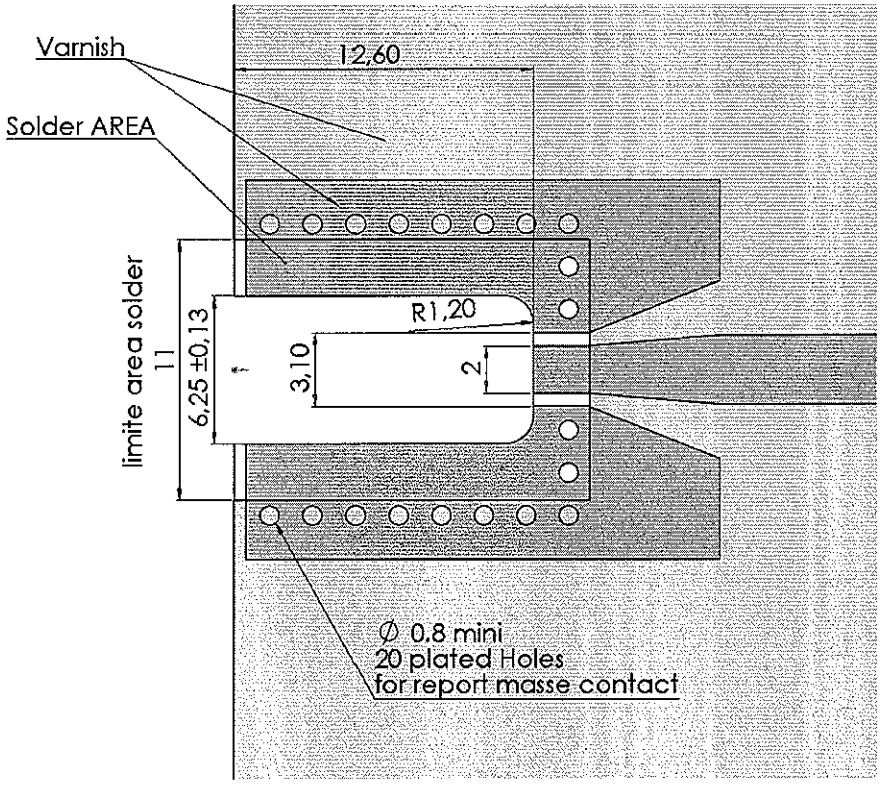
R123.444.827

Series : **QMA**

SHADOW FOR THE VIDEO CAMERA



PCB



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