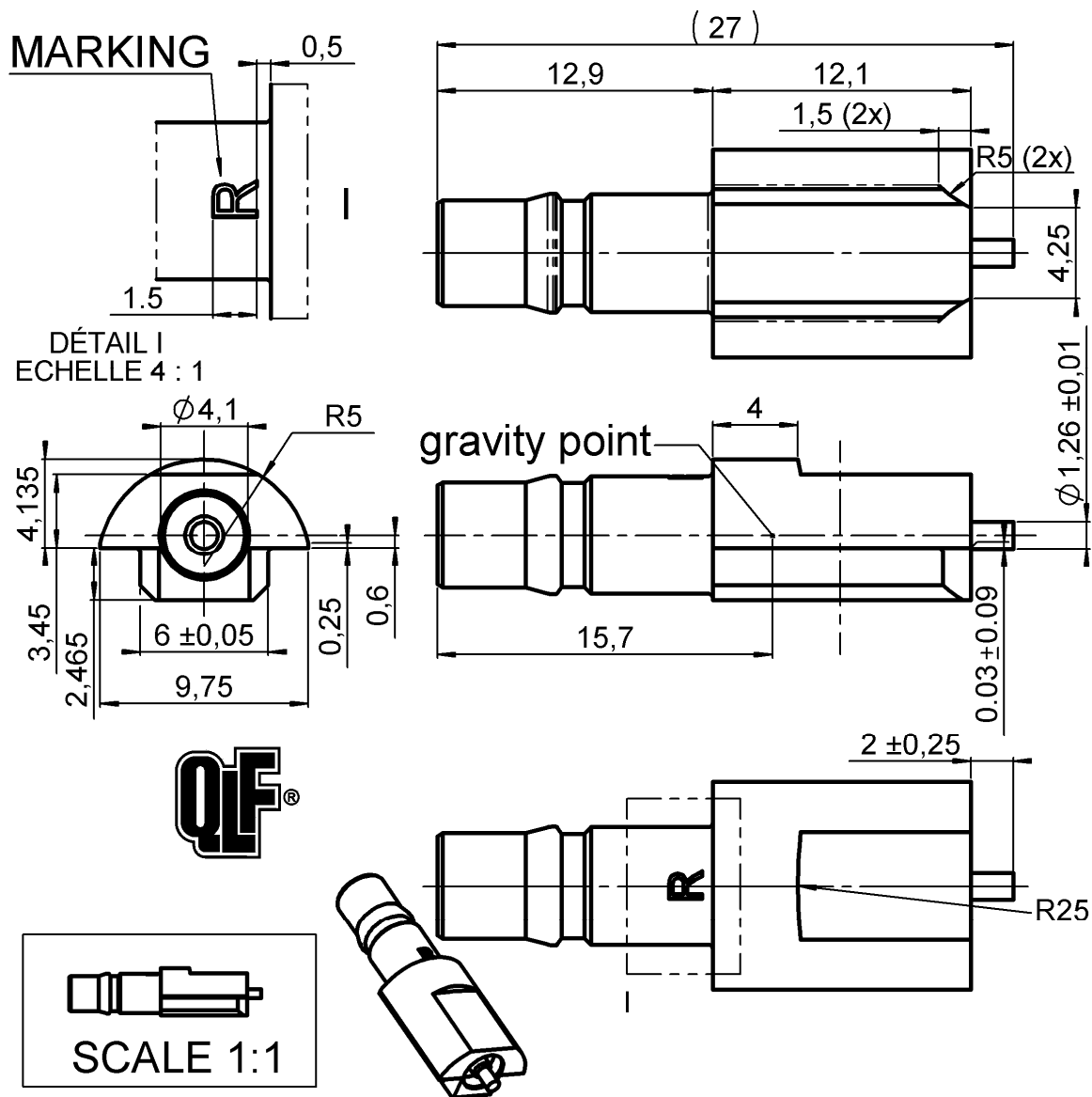


FEMALE EDGE CARD RECEPTACLE

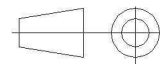
R123.444.827

REEL 300

Series : QMA



All dimensions are in mm.



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

Issue : 0923 D

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



FEMALE EDGE CARD RECEPTACLE

R123.444.827

REEL 300

Series : QMA

PACKAGING

SPECIFICATION

Standard	Unit	Other
300		Contact us

1301-RNT 408 2024 Uen rev. C

ELECTRICAL CHARACTERISTICS

ENVIRONMENTAL

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

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

OTHERS CHARACTERISTICS

Assembly instruction

Others :
COAXIAL TRANSMISSION LINE ONLY

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

Issue : 0923 D

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



FEMALE EDGE CARD RECEPTACLE

R123.444.827

REEL 300

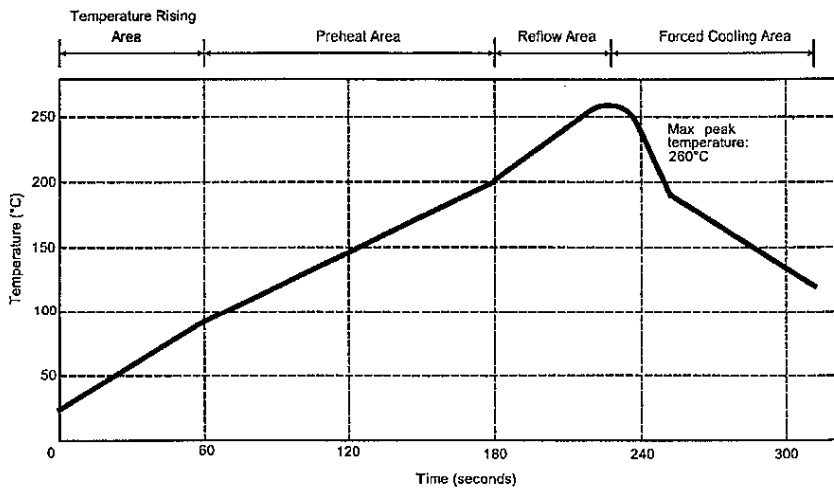
Series : QMA

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

Issue : 0923 D

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

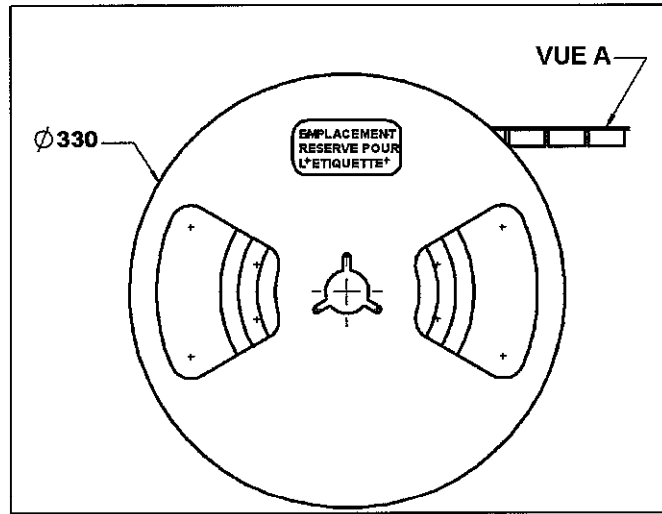


FEMALE EDGE CARD RECEPTACLE

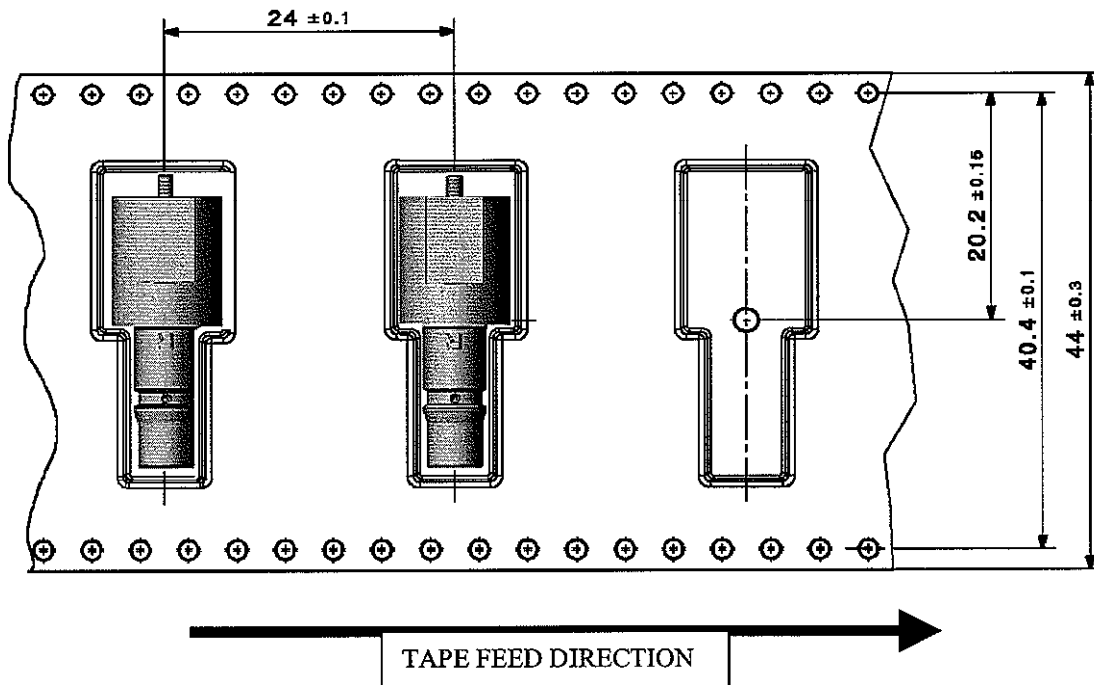
R123.444.827

REEL 300

Series : QMA



bobine Ech :0.7



Issue : 0923 D

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



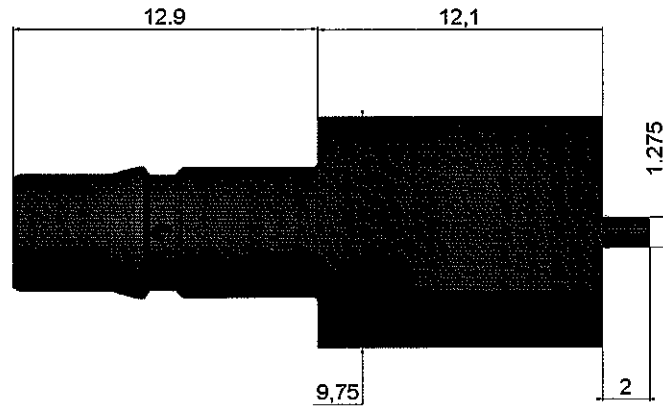
FEMALE EDGE CARD RECEPTACLE

R123.444.827

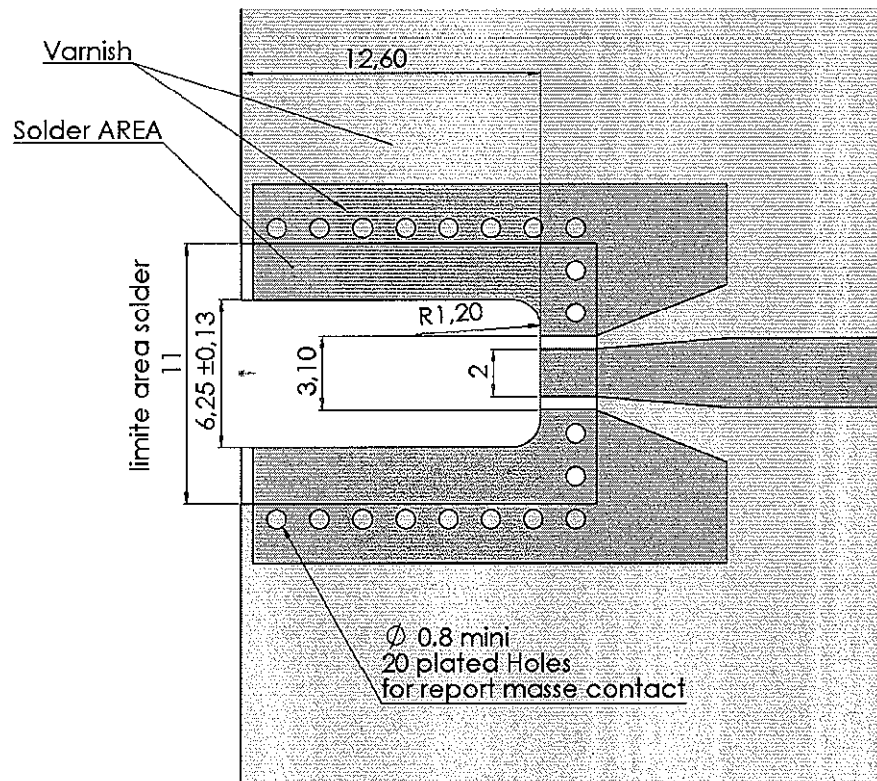
REEL 300

Series : QMA

SHADOW FOR THE VIDEO CAMERA



PCB



Issue : 0923 D

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

