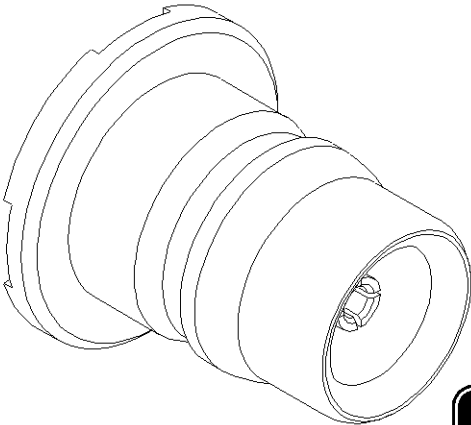
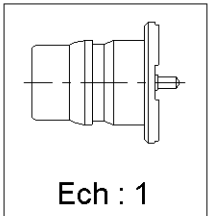
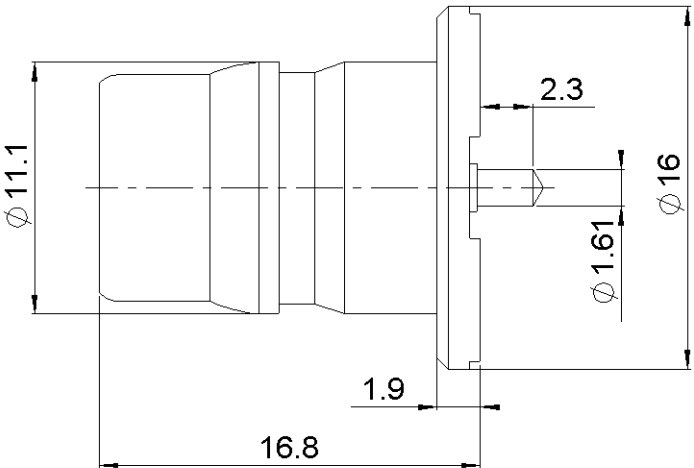
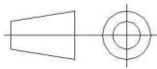


PAGE 1/4	ISSUE 1435B	SERIES QN	PART NUMBER R164501023
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All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
Body	BRASS	NPGR
Center contact	BERYLLIUM COPPER	NPGR
Outer contact	-	-
Insulator	PTFE	-
Gasket	-	-
Others parts	-	-
-	-	-
-	-	-

PAGE 2/4

ISSUE **1435B**

SERIES **QN**

PART NUMBER **R164501023**

PACKAGING

Standard	Unit	Other
50	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance		50	Ω
Frequency		0-6*	GHz
VSWR	**1.05	+	0.0250 x F(GHz) Maxi
Insertion loss			0.048 \sqrt{F} (GHz) dB Maxi
RF leakage	- (***90	- F(GHz)) dB Maxi
Voltage rating		1000	Veff Maxi
Dielectric withstanding voltage		2000	Veff mini
Insulation resistance		5000	M Ω mini

MECHANICAL CHARACTERISTICS

Center contact retention			
Axial force – Mating End		18	N mini
Axial force – Opposite end		18	N mini
Torque		NA	N.cm mini
Recommended torque			
Mating		NA	N.cm
Panel nut		NA	N.cm
Mating life		100	Cycles mini
Weight		9.3500	g

ENVIRONMENTAL

Operating temperature	-55/+125°	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

SPECIFICATION

OTHER CHARACTERISTICS

Assembly instruction:

Others:

***Usable 0-11GHz **Only for interface**

***** RF Leakage: -80dB min 3<F<6GHz**

******PIM3: -112dBm (2x20W at 1.8GHz)**

PAGE 3/4

ISSUE **1435B**

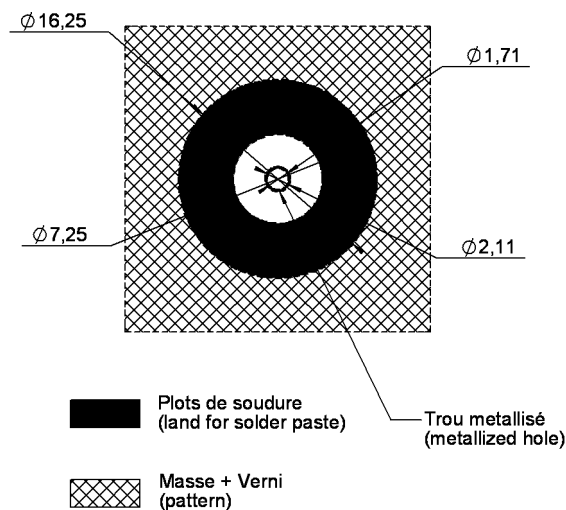
SERIES **QN**

PART NUMBER **R164501023**

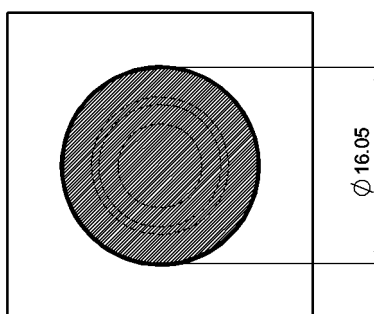
QN SERIES - INFORMATIONS

Micro strip line. Signal is on the opposite side .Thickness of PCB : .063(1.6mm)

The material of PCB is the epoxy resin (FR4) (Er = 4.8) . The solder resist should be printed except for the land pattern on the PCB .



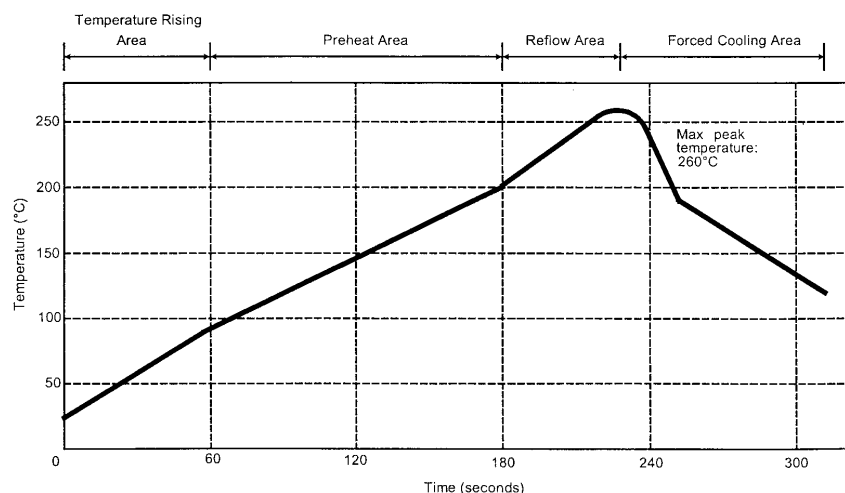
SHADOW OF QN RECEPTACLE FOR VIDEO CAMERA



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 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. Video camera is preferred to check the positioning of the component. Adhesive agents are forbidden on the receptacle.
3. Soldering by infra-red reflow.
4. Cleaning of printed circuit boards.
5. Checking 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