

MATERIALS

- Bodies and nuts
- Socket inner contacts
- Plug inner contacts
- Crimping ferrules
- Insulators
- Gaskets

CW 614 N as per UNI EN 12164
 Beryllium copper (hardened)
 CW 614 N as per UNI EN 12164
 Soft copper
 PTFE (Teflon)
 Silicone rubber

FINISH

- Inner contacts
- Bodies
- Other metal parts

8 μ Ag min.
 5 μ Ag min. or Optalloy*
 3 μ Ni min. or Optalloy*
 * "Optalloy" is equivalent to "Sucoplate"

MECHANICAL

- Mating and dimensions
- Gauge retention force for female inner contact
- Gauge retention force for female outer contact
- Inner contact captivation:
 - axial force
 - radial torque
- Engagement & separation torque
 (to overcome friction of coupling nut)
- Coupling torque
- Tensile strength of coupling mechanism
- Bending moment

as per CECC 22190
 5,9 N min.
 15 N min.

 200 N min.
 0,02 Nm

 0,25 Nm max
 25 $\div$ 30 Nm (normal); 35 Nm (proof)
 1000 N
 50 Nm

ELECTRICAL

- Nominal impedance
- Frequency range
- Working voltage at sea level (Vrms at 50 Hz)
- Voltage proof (Vrms at 50 Hz)

50 ohm
 up to 7,5 GHz
 < 2,7 KV
 < 4 KV

- Insulation resistance
- Inner contact resistance

initial	after conditioning
> 10 Gohm	> 1 Gohm
< 0,4 mohm	< 0,8 mohm

- Reflection factor:
 - straight styles

< 0,02 up to 1 GHz
 < 0,03 up to 2 GHz
 < 0,06 up to 4 GHz
 < 0,03 up to 1 GHz
 < 0,07 up to 4 GHz

- right-angle styles

ENVIRONMENTAL

- Climatic category
- Operating temperature rating
- Corrosion (coupled connectors)

55/155/56
 -55°C $\div$ 155°C
 Salt mist test acc. to IEC 68-2-11 Test Ka

ENDURANCE

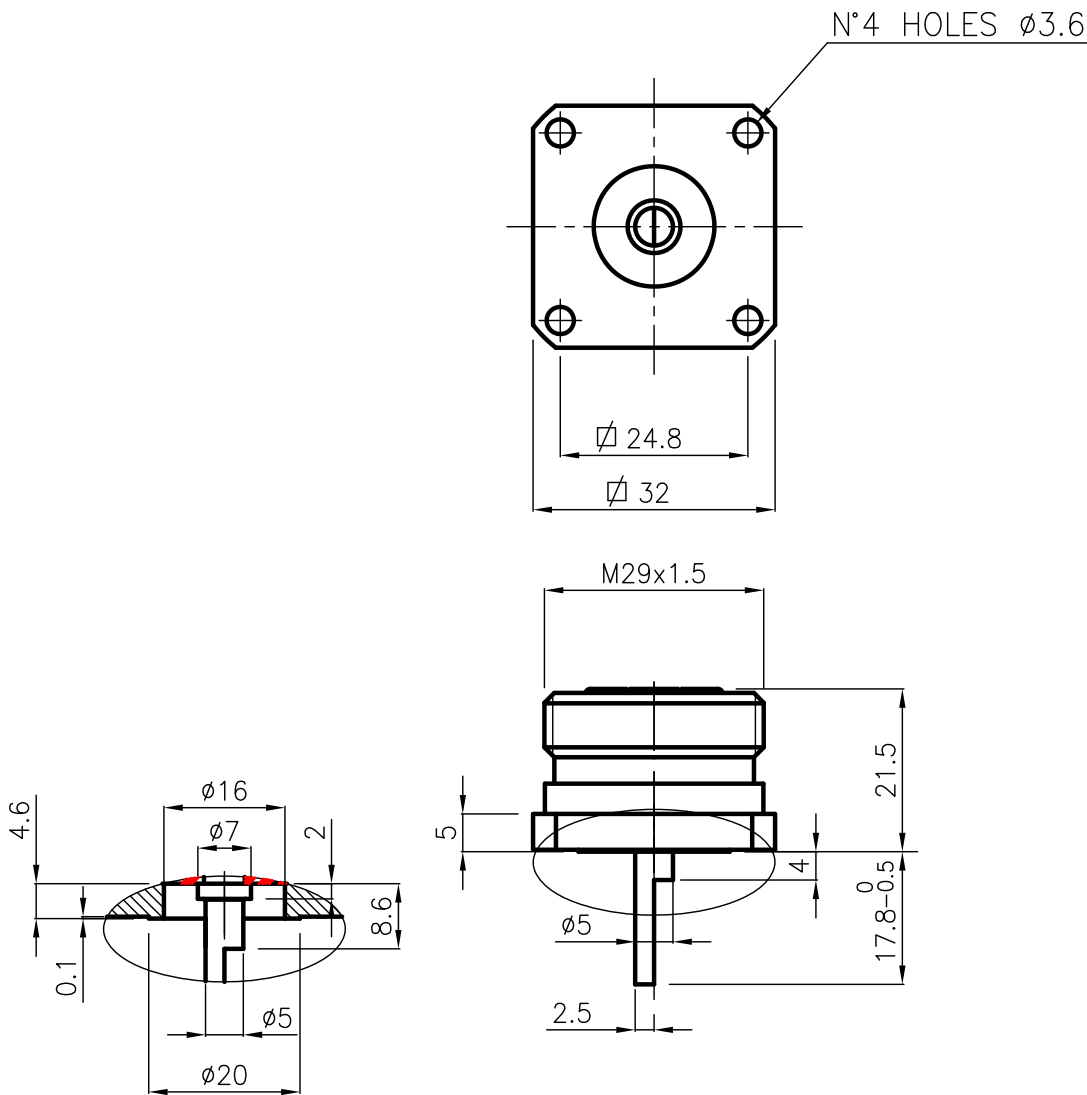
- Mechanical
- High temperature

500 operations min.
 155°C for 1000 hours

DIST.

A TERMINI DI LEGGE E' VIETATA LA RIPRODUZIONE O LA NOTIFICAZIONE DI QUESTO DISEGNO A TERZI SENZA AUTORIZZAZIONE

MOD. 101

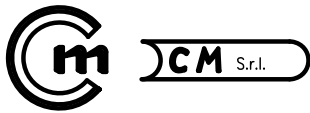


Mating and dimensions as per CECC 22190

MATERIALS AND FINISH

Body	Brass	White Bronze
Insulator	PTFE	
Outer contact	Brass	Ag 8 μ min.
Spring center contact	Spring Bronze	Ag 8 μ min.

			DENOMINAZIONE		
			50 Ohm 7/16 SOCKET STRAIGHT PANEL		
			SCALA 2 : 1	CONTR. CUCCHI I.	DATA 12.06.03
			FILE RPD0421C	APPROV. CUCCHI M.	DIS. ARONICA R.
REV.	N° MOD.	DATA			
/	ISSUED	12.06.03			



N° CODICE
RPD.04.021