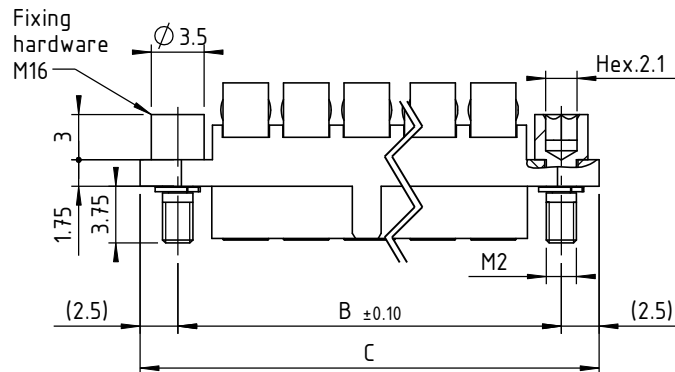
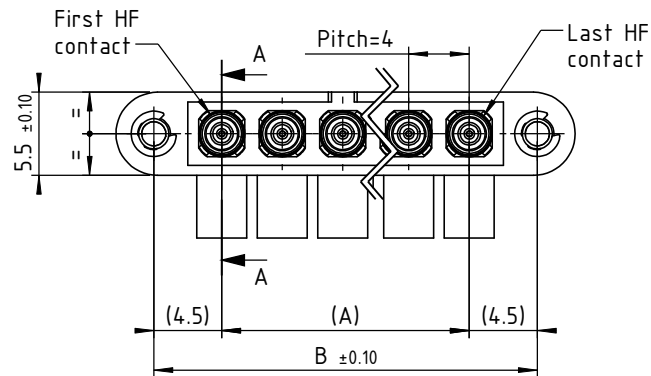
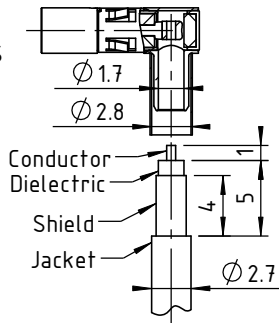


CUT A-A



HF contact  
30-2426-ZS  
to crimp



3D view  
scale : 1.5:1



Tools recommended

HF series contacts removal	12368
Recommended hand crimp tool HF contacts	13858
Crimp die for daniels HX3 HF contacts	C13847

TECHNICAL FEATURES

MATERIALS

INSULATOR : Special PPS (Polyphépylene Sulfide Fiberglass filled thermoplastic) UL 94-V0

- Radiation resistance
- No humidity absorption
- Oxygen free

Remark : PPS characteristics are recognized for space application

FIXING HARDWARE :

- Jackscrew : Stainless steel

TECHNICAL FEATURES for HF COAXIAL CONTACT

MATERIAL

- Body : Copper alloy / Ni + Au 0.5µ
  - Inner contact : Copper alloy / Ni + Au 0.75µ
  - Insulator : PTFE
  - Retaining clip : Beryllium alloy / Ni 3µ
- Do not complies with radiation**

MECHANICAL

- Endurance : 500 cycles up to 2500.
- Insertion force : From 0.60 to 5N per contact
- Extraction force : From 0.50 to 2N per contact
- Secure overlapping : 1.30 mm
- Contact replacement in insulator : 30 cycles

ELECTRICAL

- Impedance : 50Ω
- Insulator resistance : 10<sup>8</sup> mΩ / 250V (RMS)
- SWR (Stationary Wave Rate) : < 1.05 + 0.04 F (GHz)
- Frequency range : 6 GHz (Depending o cable)
- Insulation between 2 contacts : -100dB (Depending on cable)

ENVIRONMENTAL

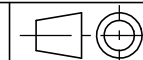
- Temperature range : From -60°C to +260°C
- Vibration severity : 0.75mm, 10 g RMS 6 hours long random with superimposed sinusoid. No intermitencies measured when using an H.S.L.I. (High Speed Logic Interrupt) detector with a trip threshold of 2 ns.
- Shock severity : 100g for 6 ms
- Solvent resistance : HcFc 141 bMGX (ATOCHEM) solvent
- Salt spray test : 96 hrs
- Humidity test : 56 days @ 90% humidity

Crimping & soldering following cable instruction IC30HF03  
Marking as referenced in the CMM catalogue pages 12 & 13

 <a href="http://www.nicomatic.com">www.nicomatic.com</a> Mail : <a href="mailto:nicomatic@nicomatic.fr">nicomatic@nicomatic.fr</a> Tel : +33 (0)4.50.36.13.85	2	02/03/09	H.L.	E.M.	D.Z.
	Iss	Date	Drawn	Checked	Approved
Item : Connector CMM220 female to crimp, zz HF contacts 30-2426-ZS, M16					
Folder : X:\Méthodes\Plans clients\Plans clients 2D\10 - CMM220\Connecteurs femelles\222E\222E00M16-00zz-2426ZS_cl					

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Catalogue Reference : 222E00M16-00zz-2426ZS



General tolerance ±0.2  
Scale 2:1  
Page 1/1

