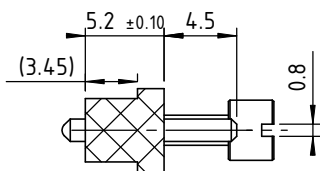


D

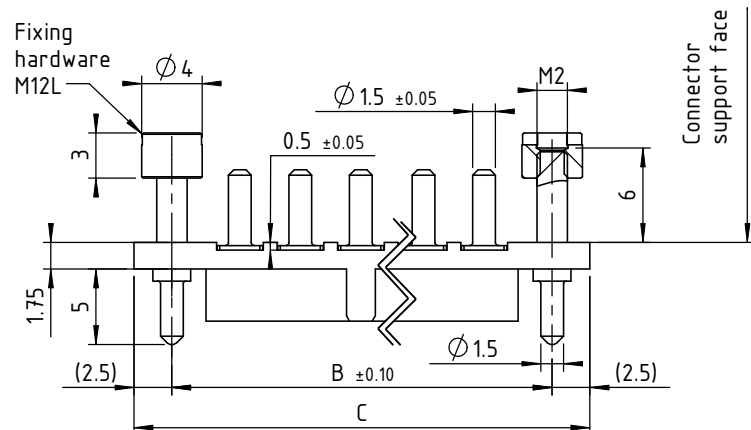
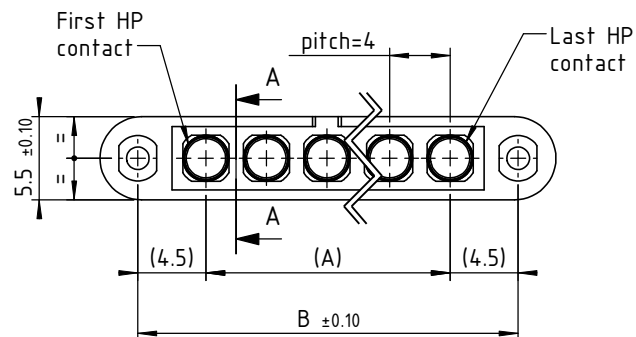
C

B

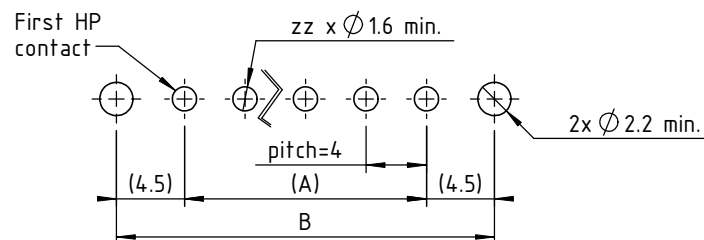
A



CUT A-A



Recommended PCB layout:



TECHNICALS FEATURES

MATERIALS

INSULATOR : Special PPS (Polyphenylene sulphide fibreglass filled thermoplastic) UL 94-V0

- Radiation resistance
- No humidity absorption
- Oxygen free

Note : PPS characteristics are recognized for space applications

FIXING HARDWARE :

- Jackscrew : Stainless steel

TECHNICAL FEATURES for 30 HP CONTACTS

MATERIAL

- Body : Copper alloy / Ni + Au 0.5µ

MECHANICAL

- Endurance : 500 cycles min 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

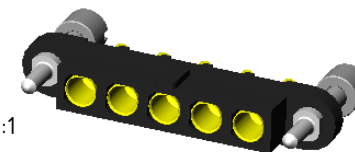
ELECTRICAL

- Intensity : 20 A
- Contact resistance : max. 6 mΩ
- Maximum voltage (sea level) : 1000V (RMS)
- Operating voltage (sea level) : 180 V AC/500 mA

ENVIRONMENTAL

- Temperature range : From -60°C to +260°C
- Vibration severity : 0.75mm, 10 g RMS 6 hours long random with superimposed sinusoid. No intermittencies 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

3D view
scale: 1.5:1



Marking as referenced in the CMM catalogue pages 12 & 13



www.nicomatic.com

Mail : nicomatic@nicomatic.fr

Tel : +33 (0)4.50.36.13.85

2	27/06/11	B.M.	N.P.	E.M.
Iss	Date	Drawn	Checked	Approved

Item : Connector CMM220 female straight on PCB,
zz HP contacts 30-4300-45, M12L

Tools recommended

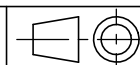
Fixing	Screwdriver for standard nut	C14743
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Folder : X:\Méthodes\Plans clients\Plans clients 2D\10 - CMM220\Connecteurs femelles\222D\222D00M12L-00zz-430045_cl

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Catalogue
Reference :

222D00M12L-00zz-430045



General
tolerance ±0.2

Scale
2:1

Page
1/1

D

A4