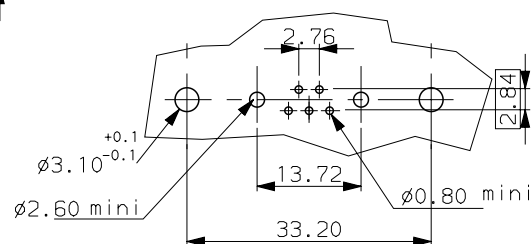


PC card drilling dimensions (after plating)



CHARACTERISTICS:

Max current rating: 7.5A per standard contact
Dielectric withstanding voltage: 1000V minimum
Insulation resistance: >5000MΩ
Contact resistance: <7.3mΩ
Mating and unmating forces: conform to MILC2430B

Contact retention: 40N for contact size 20
Material of -insulator: green polyester class UL 94 V-0
-shell: Steel
-contact: brass

Plating of -shell: cadmium plated

-contact: AU 0.4 μ mini
mating area: Sn Pb 2 μ mini
termination area: 1 mm
Contact diameter: AWG 20 maxi (0.6mm²)
cable diameter: -55°C, +125°C
Temperature range:

TEST RESULTS

Contact resistance after 100,200,500 mating/unmating: RC<7.3 mΩ
Mating/unmating force after 200 mating cycles: <0.2N per contact
Shock test results: method 2004 MIL STD 1344 discontinuity <1 microsecond
Vibrations: method 2005 of MIL STD 1344 discontinuity <1 microsecond
Humidity: method 1002 of MIL-STD-1344

DAM7W2PN

a	03/10/96	Creation of drawing .		--
ISS	DATE	Lastest modification by : JOUBERT		MOD N°
Designed by: JOUBERT date: 03/10/96		Type of drawing: CLIENT		
Checked by : FONTENEAU date: --		Released by: --		
TITLE : PIN CONNECTOR FOR POWERS CONTACTS .				
SCALE	Special mfg:--	MATERIAL:--	N°: --	
1.5	item List n°: --	--		
	General Linear Tolerances: --	General machining -- <input checked="" type="checkbox"/> surface texture: <input checked="" type="checkbox"/>	Geometrical Tolerances see NF E 04-552	SHEET 01
	<div> <div> <p>FRAMATOME CONNECTORS FRANCE</p> <p>Rue Louis Breguet - BP 05</p> <p>72024 LE MANS Cedex</p> <p>Tel. 33 (16) 43.84.08.43</p> </div> </div>			
FORMAT A3	SOURIAU DRG N° C01-8639-0644			PROJECT M94D001