

Electrical characteristics:

- Characteristic impedance: 50 ohms
- Frequency range: 0...2GHz
- VSWR: at 500 MHz : ≤ 1.22
- Insulation resistance: 10^7 Mega ohms
- Test voltage: 750 V rms
- Max. contact current: 2A

Contact resistance

- inner conductor: ≤ 2.7 m ohms
- outer conductor: ≤ 2.7 m ohms

Mechanical characteristics:

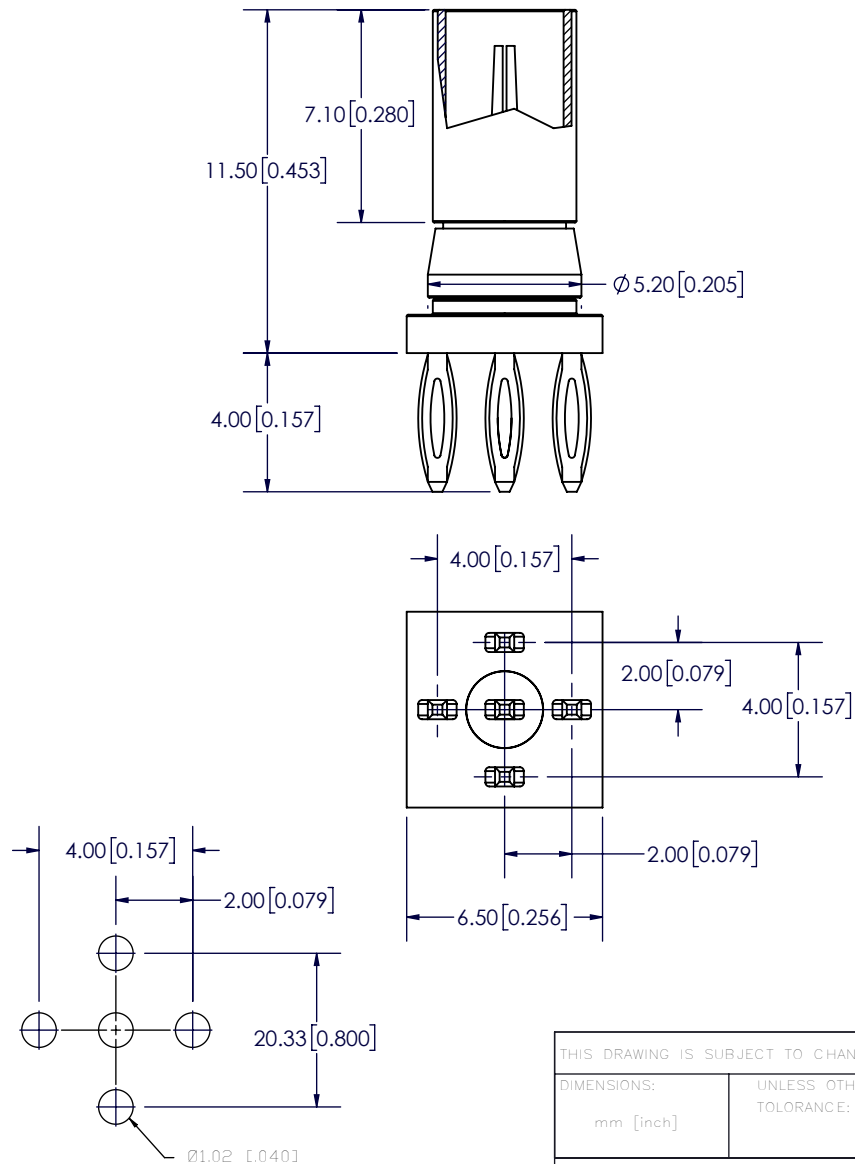
- Connecting operations: ≥ 500
- Contact forces:
 - Mating force: max. 10N
 - Unmating force: Inner conductor : min. .2N
 - Outer conductor: min. .7N

Enviromental:

- Temperature range: $-55^{\circ}\text{C} \pm 125^{\circ}\text{C}$

Materials:

- Outer conductor: Cu Alloy
- Inner conductor: Cu Alloy
- Retaining Clip: Cu Alloy
- Insulators: PTFE / PBT / PI



PCB LAYOUT

REV.	DATE	CHK	DESCRIPTION
		Email: custsvc@ecsconn.com Orange County, California	
www.ecsconn.com			
DRAWN BY: AA	DATE 06.07.04	DESCRIPTION 50 OHM COAX CONTACT, PLUG	
CHECKED BY: BR	06.07.04		
APPROVED BY: BR	06.07.04		
SIZE A	DWG / PART NUMBER 55-2P-235-1		REV. A
SCALE NONE	PATH \\ECS\ENGINEERING PRINTS\5500 CONTACTS\		SHEET 1 OF 1