

NOTES:

Electrical characteristics:

Characteristic impedance: 75 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 omhs

Mechanical characteristics:

Connecting operations: ≥ 500

Contact forces:

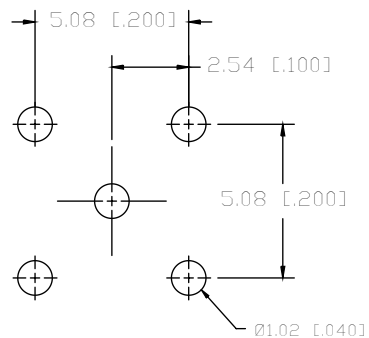
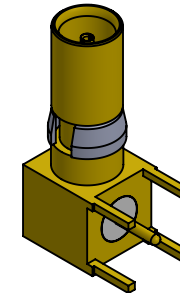
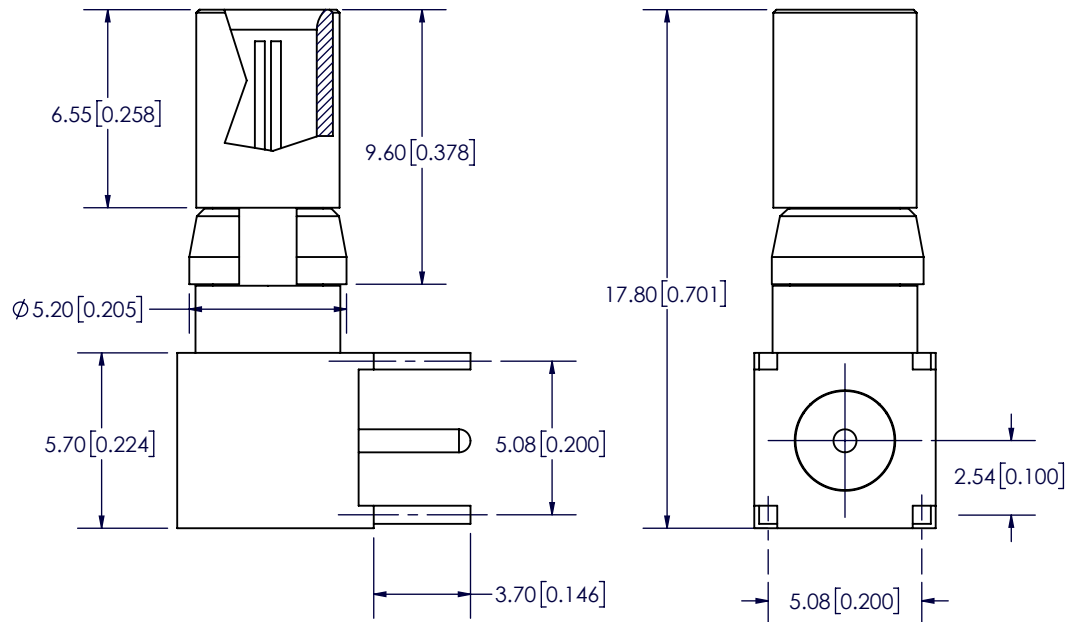
Mating force: max. 10N
 Unmating force: Inner conductor : min. .2N
 Outer conductor: min. .7N

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
ECS			Email: custsvc@ecscconn.com
www.ecscconn.com			Orange County, California
THIS DRAWING IS SUBJECT TO CHANGE WITHOUT NOTICE		DRAWN BY: AA	DATE: 7.26.01
DIMENSIONS:		CHECKED BY: BR	DATE: 7.26.01
UNLESS OTHERWISE SPECIFIED:		APPROVED BY: BR	DATE: 7.26.01
TOLERANCE: .00" $\pm .008$ "		RIGHT ANGLE PCB TERMINATION	
.000" $\pm .003$ "		PLUG, 50 OHMS	
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		SCALE: NONE	REV. A
		PATH: \ECS\ENGINEERING PRINTS\5500 CONTACTS\	
		SHEET 1 OF 1	