

Electrical characteristics:

- Characteristic impedance: 50 ohms
- Frequency range: 0...3GHz
- VSWR: at 500 MHz ≤ 1.22
- Insulation resistance: 10 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:

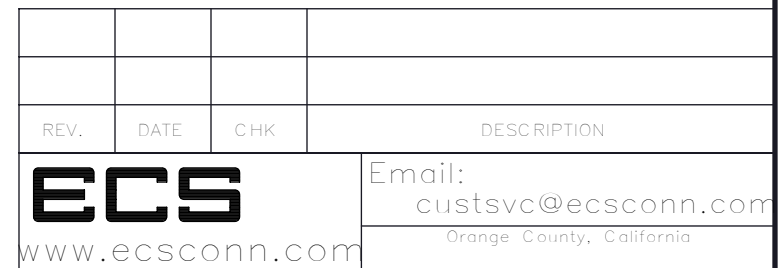
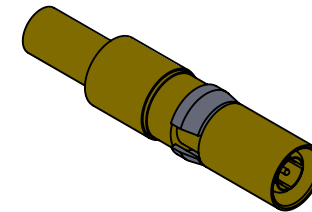
- Contact forces:
 - Mating force: max. 10N
 - Unmating force: Inner conductor : min. .2N
 - Outer conductor: min. .7N

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



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DIMENSIONS:		UNLESS OTHERWISE SPECIFIED: TOLERANCE:		CHECKED BY: BR		50 OHM SOCKET, COAX CONTACT STRAIGHT CABLE SOLDER	
mm [inch]				APPROVED BY: BR		10.16.03	
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		A		55-2S-103-1			A
		SCALE		PATH			SHEET
		NONE		\ECS\ENGINEERING PRINTS\5500 CONTACTS\			1 OF 1