



NOTES:

Electrical characteristics:

Characteristic impedance: 50 ohms
 Frequency range: 0...3GHz
 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:

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

REV.	DATE	CHK	DESCRIPTION
ECS <i>Electronic Connector Service, Inc.</i>			
DRAWN BY: CT	DATE 2.13.08	DESCRIPTION HIGH VOLTAGE CONTACT STRAGHT CABLE TERMINATION FOR \leq AWG 20	
CHECKED BY: BC	2.13.08		
APPROVED BY: BC	2.13.08		
SIZE A	DWG / PART NUMBER 55-1S-901-1		REV. A
SCALE NONE	PATH \\ECS\CUSTOMER PRINTS\5500 CONTACTS\		SHEET 1 OF 1

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