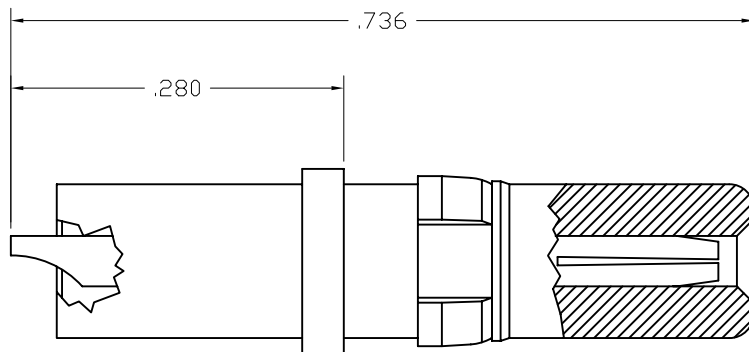




NOTES:

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 55-1P-901-1		REV. A
SCALE NONE	PATH \\ECS\CUSTOMER PRINTS\5500 CONTACTS\		SHEET 1 OF 1

THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF ELECTRONIC CONNECTOR SERVICE, AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN CONSENT OF ELECTRONIC CONNECTOR SERVICE.