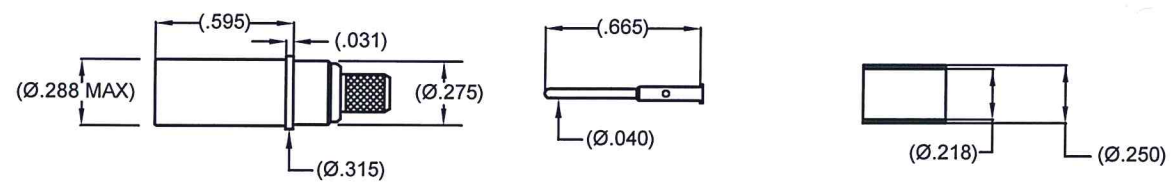


ECN	REVISION	DESCRIPTION OF CHANGE	APPROVED	DATE
190	NR	INITIAL RELEASE	<i>EMK</i>	11-18-19



**PERFORMANCE**

- 1.1 Frequency range: DC - 5 GHz
- 1.2 Nominal impedance: 50 Ohms
- 1.3 VSWR: 1.3:1 Max
- 1.4 Insertion loss: .3 dB Max
- 1.5 Working voltage: 325Vrms @ sea level
- 1.6 DWV: 750Vrms @ sea level

**MATERIALS**

- 2.1 Outer contact: BeCu per ASTM-B-196
- 2.2 Contact: Brass per ASTM-B-16
- 2.3 Dielectric: PTFE per ASTM-D-1710, type I, GR.1, CLA
- 2.4 Ferrule: Brass per ASTM-B-16

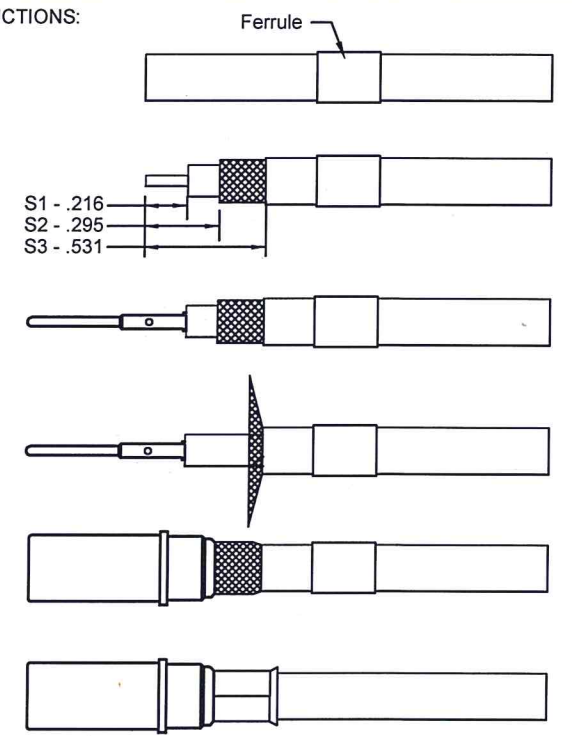
**FINISHES**

- 3.1 All metal parts Gold per Mil-G-45204 type I or II, Garde C or D, Class 1 over Nickel per QQ-N-290

**TERMINATION INSTRUCTIONS:**

- 1) Slide ferrule over end of cable prior to stripping cable. Ensure cable end is cut square.
- 2) When using automated stripping equipment, strip cable to dimensions shown. If automated stripping equipment is not available strip S1 and S3 only and trim excess shield at step 5. Care should be taken not to nick the center conductor and shield.
- 3) Install contact onto cable conductor flush with dielectric. Contact can be crimped or soldered. When crimping use DMC K1025S die (Selector 8) with hand tool M22520/2-01 or equivalent.
- 4) Fold all shields back perpendicular to cable using a tweezers. You may need to slit the aluminum foil before folding back.
- 5) Slide the connector onto the cable. Fold all shields back over the end of the connector.
- 6) Slide the ferrule over the shield until it is against the connector body. Trim any excess shield. Crimp the ferrule using M22520/5-05 (0.213 A hex) with hand tool M22520/5-01 or equivalent.

Extraction Tool: M81969/28-03



DESIGNED BY: C CHAPMAN	DATE: 11/18/2019	CHECKED BY: <i>KKW</i>	DATE: 11-18-19	APPROVED BY: <i>C Chapman</i>	DATE: 11-18-19
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	DESCRIPTION: CUSTOMER SPECIFICATION ARINC 600 SIZE 8 SOCKET FOR GIGAFLIGHT CABLE GF5-124T	
	CAGE CODE: 8A8D5	PART NUMBER: GFSC-2012

UNLESS OTHERWISE SPECIFIED:  
ALL DIMENSIONS ARE IN INCHES.  
ALL DIMENSIONS ARE FOR REFERENCE ONLY.

SHEET: 1 OF 1
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