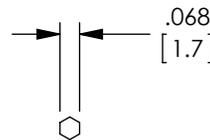
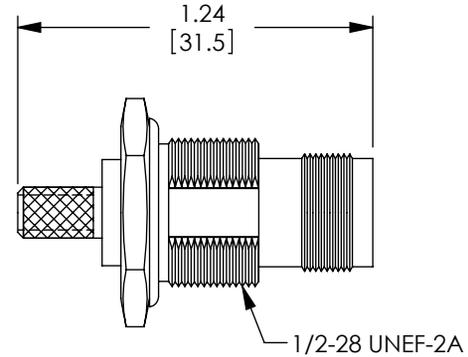
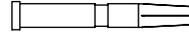
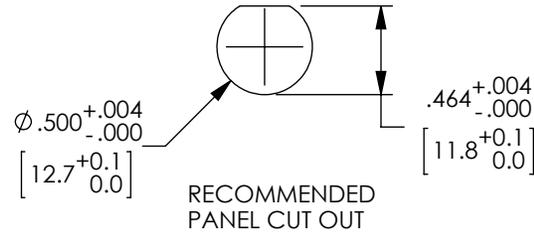


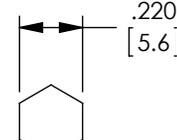
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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	4/3/09	D.GRIFFIN
B	ECN 7628: UPDATED DRAWING TO MATCH NEW SUPPLIER SPEC	10/3/14	D. CASTRO

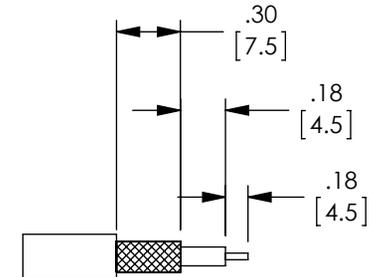
DESCRIPTION	MATERIAL	FINISH
BODY	BRASS	NICKEL
PIN	BRASS	GOLD
INSULATION	ACETAL	---
SHELL	BRASS	NICKEL
FERRULE	BRASS	NICKEL
O-RING	PVC	ORANGE
WASHER	STEEL	NICKEL
NUT	BRASS	NICKEL



RECOMMENDED CRIMP FOR PIN



RECOMMENDED CRIMP FOR FERRULE



RECOMMENDED CABLE STRIPPING

**NOTES:**

**ELECTRICAL:**

APPLICATION: RG223/U.  
 IMPEDANCE: 50 OHMS.  
 FREQUENCY RANGE: 0~11 GHz.  
 VOLTAGE RATING: 500V rms (DEPENDING ON CABLE).  
 INSULATOR RESISTANCE: ≥5 GΩ.  
 DIELECTRIC WITHSTANDING VOLTAGE: 1500 V rms.  
 CONTACT RESISTANCE: CENTER CONTACT ≤ 1.5mΩ.  
 OUTER CONTACT ≤ 1mΩ.

VSWR: ≤1.3

**MECHANICAL:**

MATING: 7/16-28 UNEF  
 RECOMMENDED MATING TORQUE: 4.1 - 6.1 lbs.  
 COUPLING NUT RETENTION FORCE: ≥ 101.2 lbs

**ENVIRONMENTAL:**

TEMPERATURE RANGE: -65°C TO 165°C  
 CORROSION (SALT SPRAY) MIL-STD-202 METHOD 101, COND. B  
 THERMAL SHOCK: MIL-STD-202, METHOD 107, COND. B  
 MECHANICAL: MIL-STD-202, METHOD 213, COND. G  
 VIBRATION: MIL-STD-202, METHOD 204, COND. B

**MISCELLANEOUS:**

COMPONENT SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPEC. PS-0031.  
 ALL DIMENSIONS ARE FOR REFERENCE ONLY.

**REGULATORY COMPLIANCE:**

CE2011/65/EU (RoHS DIRECTIVE)

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm] OVERALL CABLE LENGTH TOLERANCE: ≤12 [305] = +1 [25] / -0 >12 [305] ≤60 [1524] = +2 [51] / -0 >60 [1524] ≤120 [3048] = +4 [102] / -0 >120 [3048] ≤300 [7620] = +6 [152] / -0 >300 [7620] = +5% / -0%	APPROVALS	DATE		45 BEECHWOOD DRIVE NORTH ANDOVER, MA 01845
	DRAWN BY D.FRISIELLO	3/31/09		
ALL OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5.08] .XX = ± .02 [5.1] .XXX = ±.005 [1.3]	CHECKED BY D.CASTRO	3/31/09	CATEGORY COAXIAL	
	APPROVED BY D.DOLCE	3/31/09	PRODUCT DESCRIPTION TNC, FEMALE, BULKHEAD, RG223/U	
PROJECTION 	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	COLOR VARIATIONS MAY OCCUR	SIZE <b>A</b>	FSCM NO. <b>43321</b>
			DWG. NO. BAC554	REV. <b>B</b>
			SCALE: NONE	CAD FILE: BAC554.SLDDRW
				SHEET 1 OF 1