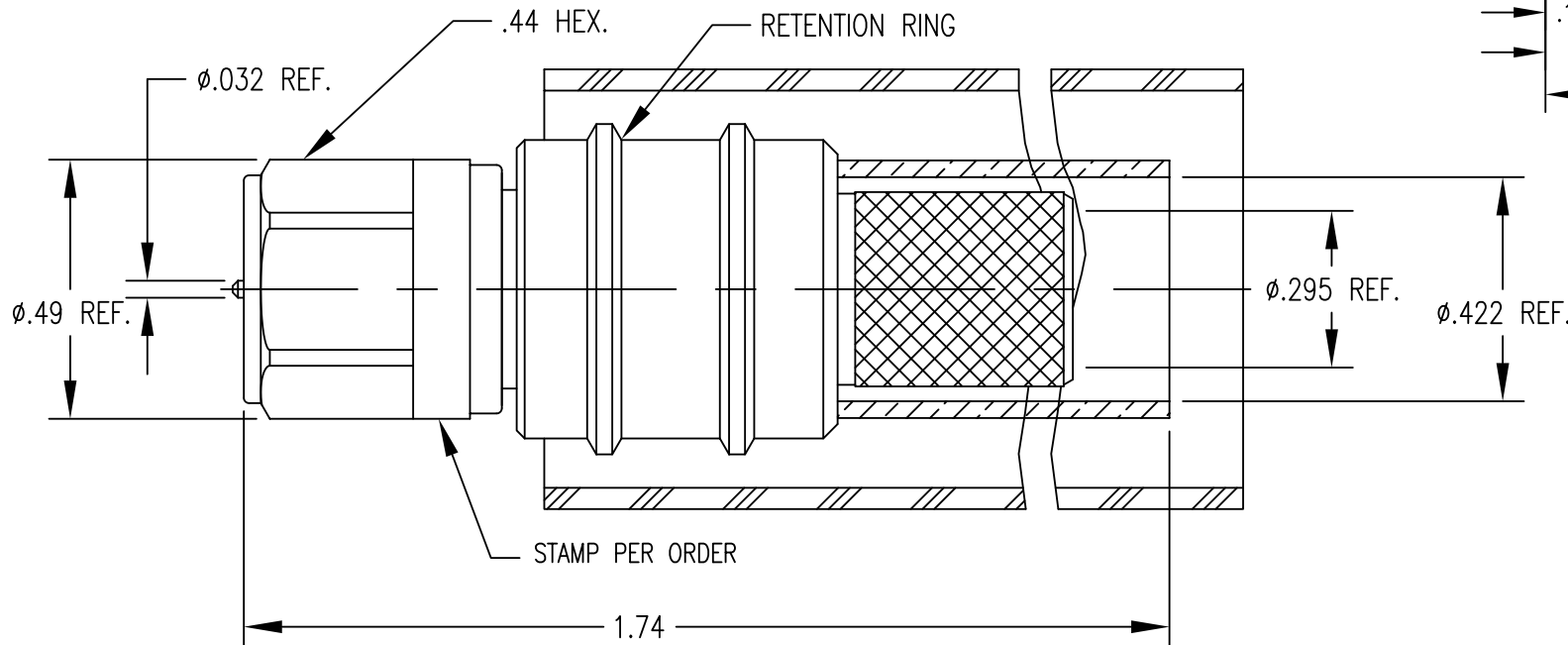
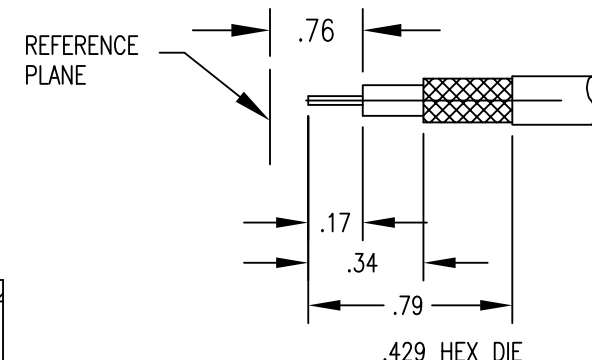


- 1.0 PERFORMANCE  
 1.1 FREQUENCY RANGE: DC-2 GHz  
 1.2 VOLTAGE RATING: 1000V RMS (sea level)  
 1.3 NOMINAL IMPEDANCE: 75 OHMS  
 1.4 DWV: 2500V RMS @ 60Hz (sea level)  
 1.5 TEMPERATURE RANGE: -65°C TO +165°C  
 2.0 MATERIALS  
 2.1 DIELECTRIC: PTFE, ASTM-D-1710  
 2.2 CENTER CONTACT: BERYLLIUM COPPER PER ASTM-B-196

- 2.3 CRIMP FERRULE: DHP SOFT COPPER, CDA 122, SOFT TEMPER  
 2.4 LOCKING RING: PHOSPHOR BRONZE, ASTM-B-159, ALLOY 510  
 2.5 ALL OTHER METAL PARTS: BRASS, ASTM-B-16  
 2.6 GASKET: SILICON RUBBER, ZZ-R-765, GR. 50, RED  
 2.7 SHRINK SLEEVE: THICK WALL, REF MIL-I-23053/4, CLASS 3, BLACK  
 3.0 FINISHES: SEE TABLE  
 4.0 MECHANICAL  
 4.1 INTERFACE IN ACCORDANCE WITH EIA STD. 550  
 THIS IS A 75 OHM CONNECTOR WHICH WILL ACCEPT AN LMR-400-75

DWG NO.	OL-2301-08-1	REV.	E
PLATING VARIATIONS			
PART NUMBER	BODY	CONTACT	
2301-08-NG	NICKEL	GOLD	

CABLE PREPARATION  
 DETAIL (NOT TO SCALE)



DO NOT SCALE DRAWING

Rev.	Revisions	Disp.	Date	Dwn.	Appd.
E	CHANGE COUPLING NUT LENGTH		4/18/11	RJG	SJS
D	UPDATE CABLE STRIP LENGTH		6/10/08	TZ	FSH
C	UPDATE FREQ. AND TEMP. RANGE		5/10/06	DVP	FSH
B	CABLE PREP.: .76 WAS .96, .34 WAS .35, .61 WAS .79		4/6/04	LAP	FSH
A	ORIGINAL	NEW	3/22/04		

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UNLESS OTHERWISE SPECIFIED:  
 ALL DIMENSIONS ARE IN INCHES.  
 ALL DIMENSIONS ARE AFTER PLATING.  
 .XXX = ±.005 ALL MACHINED SURFACES  $\sqrt{63}$  MAX.  
 .XX = ±.01 ANG. ±1/2' FRACTIONAL = ±1/64  
 ◎.004 MAX. TIR.      ⊥ AXIS .001

THIRD ANGLE PROJECTION

DWN	DT	03/23/04
CHKD	SJS	04/07/04
APPR	FSH	03/24/04

**SAN-TRON, INC.**  
 4 NEWBURYPORT TPK. IPSWICH MA USA 01938  
 TEL: 978-356-1585 FAX: 978-356-1573  
 WWW.santron.com E MAIL: santron@santron.com

**San-Tron**

TITLE: EZ F PLUG, STRAIGHT, CRIMP FOR LMR-400-75 CABLE

MATERIAL: SEE NOTE 2.0 FINISH: SEE NOTE 3.0

CAGE CODE: 50896 DWG NO. OL-2301-08-1

SCALE: X:X

REMOVE ALL BURRS AND SHARP EDGES .005 MAX.  
 INTERPRET PER ASME Y14.5M-1994