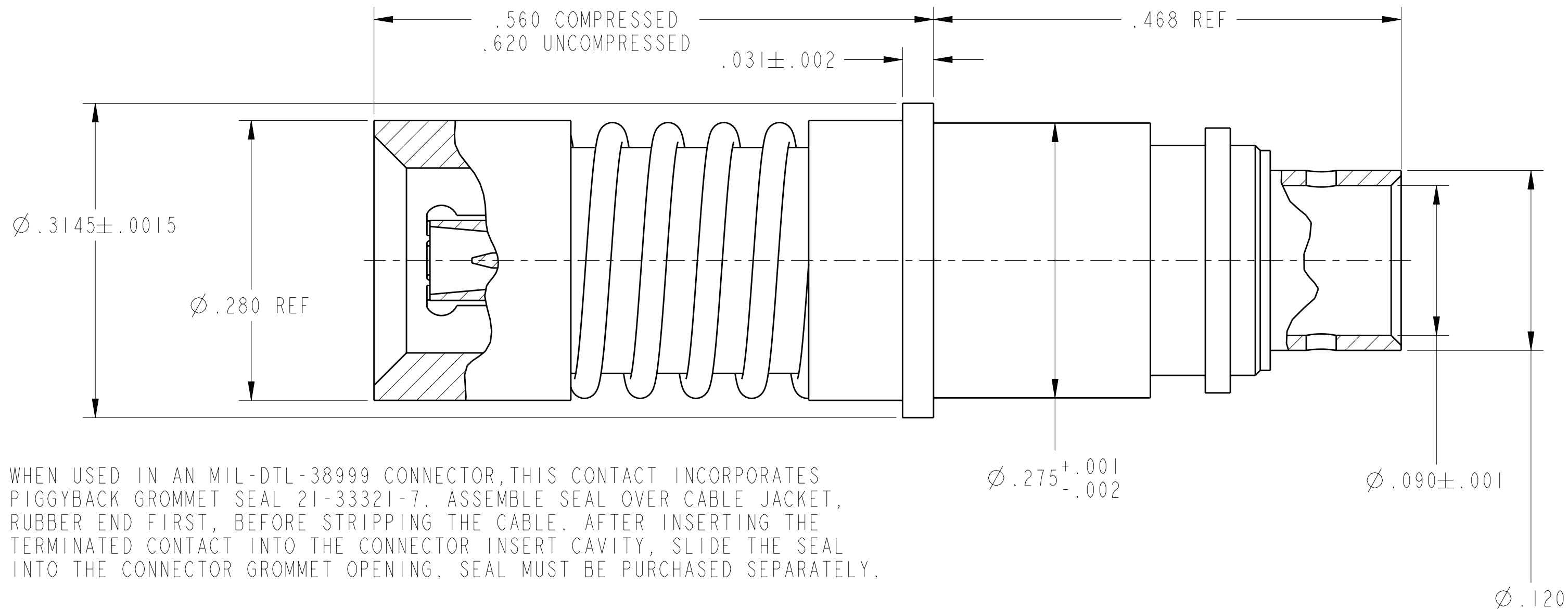


REV. A		SHEET 1 OF 1		DOCUMENT NO. 21-033449-02HF	
REVISIONS					
LTR	DESCRIPTION		DATE		
A	INITIAL RELEASE				



2. WHEN USED IN AN MIL-DTL-38999 CONNECTOR, THIS CONTACT INCORPORATES PIGGYBACK GROMMET SEAL 21-33321-7. ASSEMBLE SEAL OVER CABLE JACKET, RUBBER END FIRST, BEFORE STRIPPING THE CABLE. AFTER INSERTING THE TERMINATED CONTACT INTO THE CONNECTOR INSERT CAVITY, SLIDE THE SEAL INTO THE CONNECTOR GROMMET OPENING. SEAL MUST BE PURCHASED SEPARATELY.

1. MATERIAL:
- BODY & SLEEVE: STAINLESS STEEL PER AMS 5640, ALLOY UNS S30300, TYPE 1
 - FERRULE: BRASS PER ASTM B16 ALLOY UNS NO. C36000
 - CONTACT & LOCK RING: BERYLLIUM COPPER PER ASTM B196, ALLOY NO. UNS C17300, TD04
 - INSULATOR: PTFE PER ASTM D1710, TYPE 1, GRADE 1, CLASS B
 - GASKET: SILICONE RUBBER PER A-A-59588, CLASS 2B, GRADE 50/60
 - SPRING: STAINLESS STEEL PER ASTM A313, TYPE 631
 - FINISH: BODY, SLEEVE & SPRING: PASSIVATED PER AMS-2700, TYPE 2
 - CONTACT & FERRULE: GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.27; OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.
 - LOCK RING: NICKEL PER AMS-QQ-N-290
 - PERFORMANCE: IMPEDANCE: 50 OHMS
 - FREQ. RANGE: DC TO 18 GHZ
 - VSWR: 1.25:1 MAX. MATED PAIR DC TO 18 GHZ
 - INSERTION LOSS: .06 X SQRT(F(F IN GHZ))
 - DWV: 1000 VRMS
 - OPERATING TEMP: -55°C TO +125°C

NOTES:

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REV. A

PRO/ENGINEER INFORMATION
 Pro/e Model Used:
 21-033449_DUMMY-2-4-5_ASY.ASSEM
 Drawing Name:
 21-033449-02HF

N/A
 NEXT ASSEMBLY

UNLESS OTHERWISE SPECIFIED
 LINEAR DIMENSIONS ARE IN INCHES
 TOLERANCES:
 .XXXX = ±.0005 ANGLES= ±2°
 .XXX = ±.010
 .XX = ±.03
 .X = ±.1
 DIM. & TOL. PER ASME Y14.5M;
 DRM PER MIL-DTL-31000;
 OTHER Amphenol Stds. PER 9-3800
 LEGENDS:
 =FLAG NOTE CALL OUT REFERENCE ONLY

SPECIFICATIONS
 MATERIAL SPEC.
 N/A
 PROCESS SPEC.
 N/A

I	I	21-033449-02M	CONTACT ASSEMBLY	
POS	QTY	PART NUMBER	DESCRIPTION	NOTE
PARTS LIST				
AMPHENOL CORPORATION 40-60 DELAWARE AVENUE SIDNEY, N.Y. 13858 18 GHZ BMZ SOCKET, FOR TFLEX-405 CABLE, FOR M38999 SIZE 8 CAVITY				
SIZE	CAGE CODE	DOCUMENT NO.	REV.	
C	77820	21-033449-02HF	A	
SCALE: 3.0	REF	21-033449-05HF	SHEET 1 OF 1	

APPROVALS	DATE
PREPARED BY: LRATCHFORD	31-Mar-10
ENGINEER IN CHARGE: LRATCHFORD	
DESIGN MANAGER: SHEPLER	
DESIGN ACTIVITY GROUP: MIL-AERO-DEVELOP	
THIRD ANGLE PROJECTION	

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REV. A

C

B

A

RELEASE STATE: WIP

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