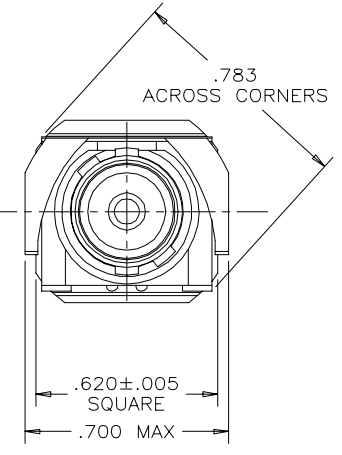
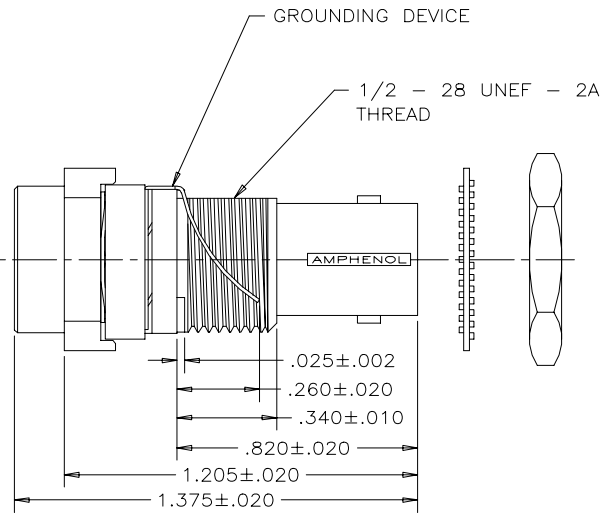
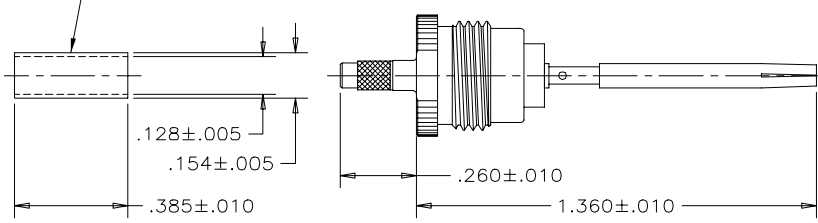


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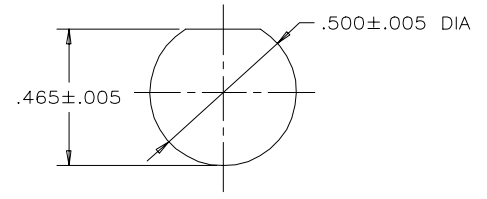
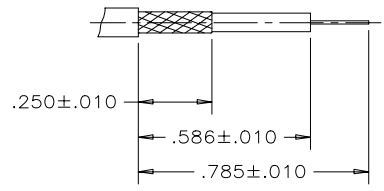
THIS IS A CAD DRAWING. DO NOT MANUALLY REVISE!

OUTER FERRULE
AMPHENOL P/N
31-1357-95NA



MECHANICAL SPECIFICATION:

- THREADED HOUSING : THERMOPLASTIC (COMPLIES WITH UL FLAMMABILITY REQUIREMENT OF 94V-0 PER UL-STD-94)
- GROUNDING DEVICE : COPPER ALLOY, NICKEL PLATED
- METAL BODY : HIGH STRENGTH ZINC DIECAST (NICKEL PLATED)
- CENTER CONTACT : PHOSPHOR BRONZE, 30 MICROINCH, GOLD PLATED
- MOUNTING NUT : BRASS, NICKEL PLATED



RECOMMENDED CABLE (RG-179)
STRIPPING DIM'S
CABLE IMPEDANCE: 75 OHM

RECOMMENDED PANEL CUTOUT

CRIMP WITH AMPHENOL TOOL 227-944 (M22520/5-01) AND DIE SET 227-1221-03 CAVITY 'A' (M22520/5-03)

ELECTRICAL SPECIFICATION:

AMPHENOL PART NO.	456-218	456-218S	456-218SL*
CAPACITANCE	10000 pF ± 15%	10000 pF ± 15%	
DIELECTRIC WITHSTANDING VOLTAGE	1000 VDC	1050/700 VDC BREAK BY SPARK GAP DEVICE	
	500 V RMS		
WORKING VOLTAGE	200 VDC	200 VDC	
IMPEDANCE	75 OHM NOMINAL	75 OHM NOMINAL	
OPERATING TEMPERATURE	-20°C TO +85°C	-20°C TO +85°C	

* SEE SHEET 2 FOR PART NO. 456-218SL.

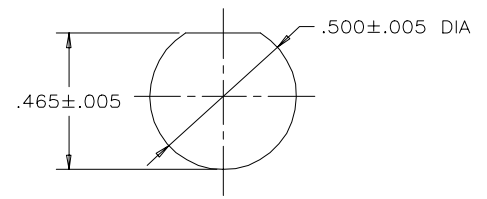
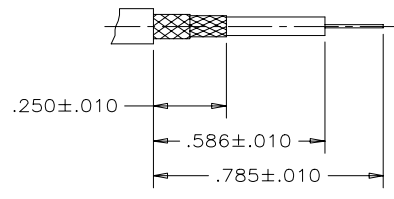
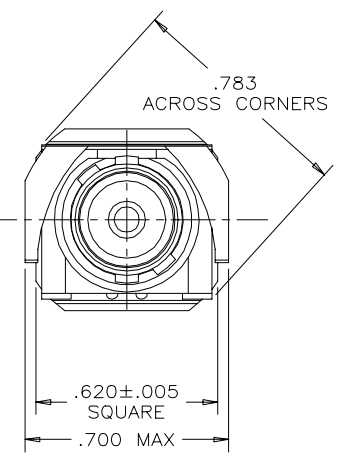
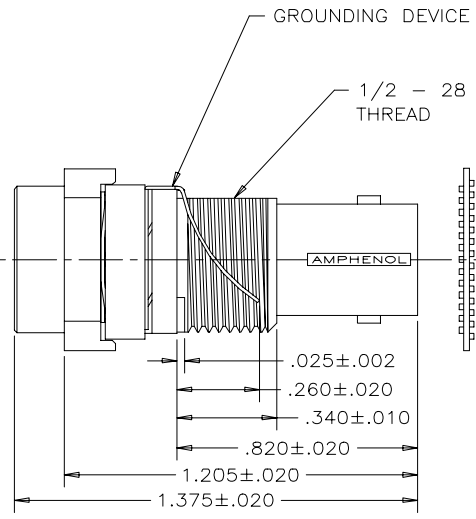
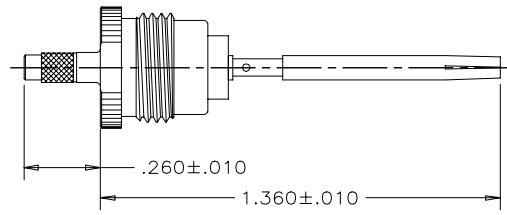
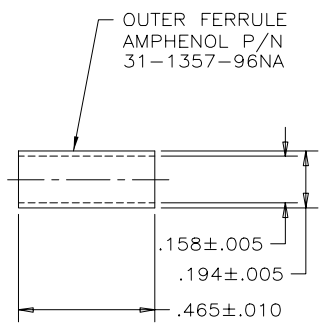
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CHECKED	
DESIGNED F.BRIONES	94/03/22
APPROVED	
INDUSTRIAL ENG. APPRD.	
ENGINEERING RELEASE NO.	
REF.	
DIMENSIONS ARE IN INCHES	CODE IDENT. NO. 03554

Amphenol Canada Corp.		
TITLE FILTERED B.N.C. BULKHEAD JACK 75 OHM CRIMP		
DWG	DRAWING NO. P-456-218XX	REV. J
SCALE N.T.S.	WT. -----	SURF. -----
SHEET 1 OF 3		

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REVISIONS				
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J		PRODUCT DRAWING	02/11/12	I.E.

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RECOMMENDED CABLE (RD-179)
STRIPPING DIM'S
CABLE IMPEDANCE: 75 OHM

RECOMMENDED PANEL CUTOUT

CRIMP WITH AMPHENOL TOOL 227-944 (M22520/5-01)
AND DIE SET 227-980-2 CAVITY 'A'

AMPHENOL PART NO.: 456-218SL
SEE SHEET 1 FOR MECHANICAL AND ELECTRICAL SPECIFICATIONS.

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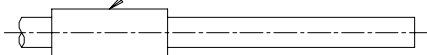
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DWG	DRAWING NO. P-456-218XX	REV. J
SCALE	N.T.S.	WT. ----- SURF. ----- SHEET 2 OF 3

ASSEMBLY INSTRUCTIONS FOR P/N 456-218 & 456-218S

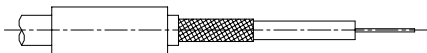
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J		PRODUCT DRAWING	02/11/12	I.E.

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OUTER FERRULE



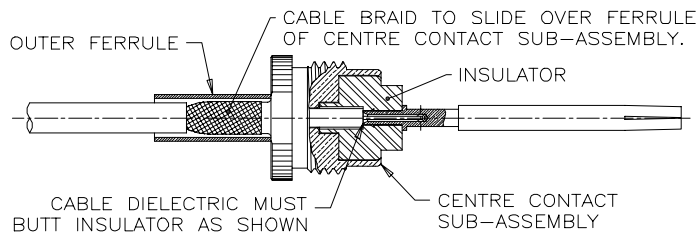
STEP 1
SLIDE OUTER FERRULE ONTO CABLE AS SHOWN PRIOR TO STRIPPING CABLE.



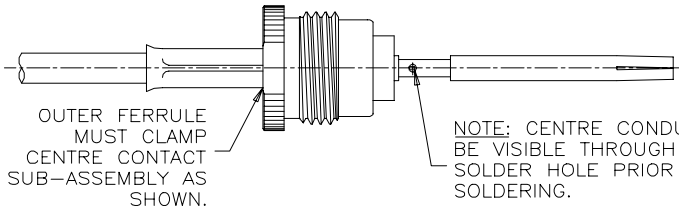
STEP 2
STRIP CABLE JACKET, BRAID AND DIELECTRIC TO DIMENSIONS SHOWN ON SHEET 1. ALL CUTS ARE TO BE SHARP AND SQUARE. IMPORTANT: DO NOT NICK BRAID, DIELECTRIC AND CENTRE CONDUCTOR WHEN CUTTING. TIN CENTRE CONDUCTOR USING SOFT SOLDER PER QQ-S-571 COMP Sn 60. AVOID EXCESSIVE HEAT WHILE TINNING TO PREVENT SWELLING OF CABLE DIELECTRIC.



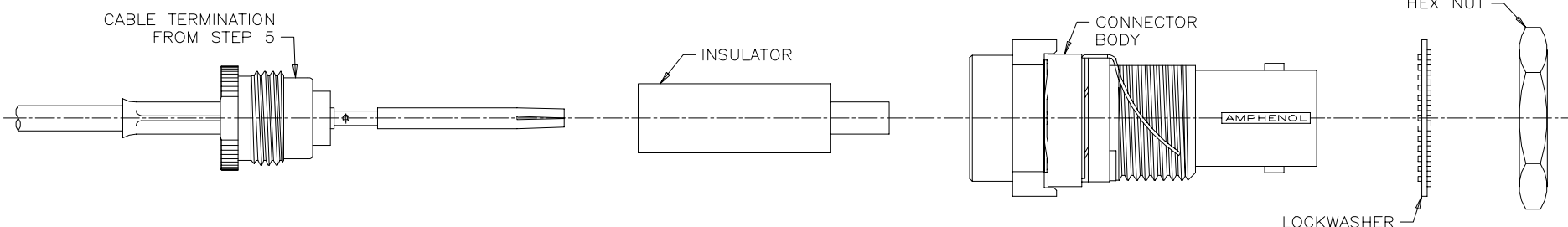
STEP 3
SLIGHTLY FLARE OUT END OF CABLE BRAID AS SHOWN SO AS TO FACILITATE INSERTION ONTO CENTRE CONTACT SUB-ASSEMBLY. IMPORTANT: DO NOT COMB OUT BRAID.



STEP 4
INSTALL CENTRE CONTACT SUB-ASSEMBLY ONTO CABLE SO THAT FERRULE PORTION SLIDES UNDER BRAID AND INSULATOR BUTTS FLUSH AGAINST CABLE DIELECTRIC. SLIDE OUTER FERRULE OVER BRAID AND UP AGAINST SHOULDER OF CENTRE CONTACT SUB-ASSEMBLY. MAKE SURE NO SLACK EXISTS IN BRAID. CRIMP OUTER FERRULE WITH TOOL SPECIFIED ON SHEET 1, KEEPING CABLE DIELECTRIC BOTTOMED AGAINST INSULATOR.



STEP 5
SOFT SOLDER CENTRE CONDUCTOR TO CONTACT USING ROSIN CORE PER QQ-S-571 COMP Sn 60. DO NOT GET ANY SOLDER ON OUTSIDE SURFACES OF CONTACT.



STEP 6
SLIDE INSULATOR INTO CONNECTOR BODY AND SCREW THE ASSEMBLY ONTO THE PREPARED CABLE TERMINATION. WRENCH TIGHTEN BY HOLDING THE CENTRE CONTACT SUB-ASSEMBLY STATIONARY WHILE ROTATING THE CONNECTOR BODY. SLIDE CONNECTOR INTO THE PANEL OPENING AND INSTALL LOCKWASHER AND HEX NUT TO HOLD IT IN PLACE.

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MATERIAL	DRAWN I.ESSAJEE	DATE 94/03/22
-----	CHECKED	
	DESIGNED F.BRIONES	94/03/22
	APPROVED	
	INDUSTRIAL ENG. APPRD.	
	ENGINEERING RELEASE NO.	
	REF.	
FINISH	DIMENSIONS ARE IN	CODE IDENT. NO.
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SCALE N.T.S.	WT. -----	SURF. -----
SHEET 3 OF 3		