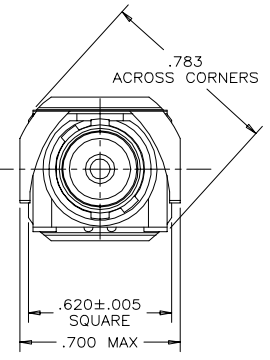
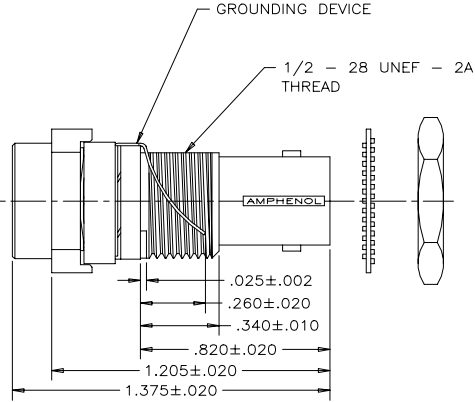
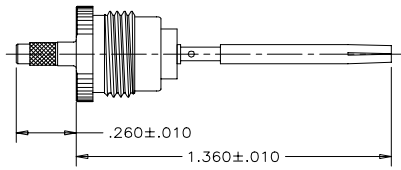
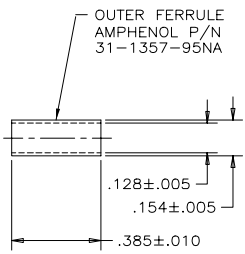


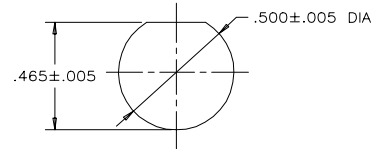
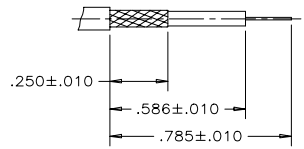
REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
J		PRODUCT DRAWING	02/11/12	I.E.

THIS IS A CAD DRAWING. DO NOT MANUALLY REVISE!



**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	

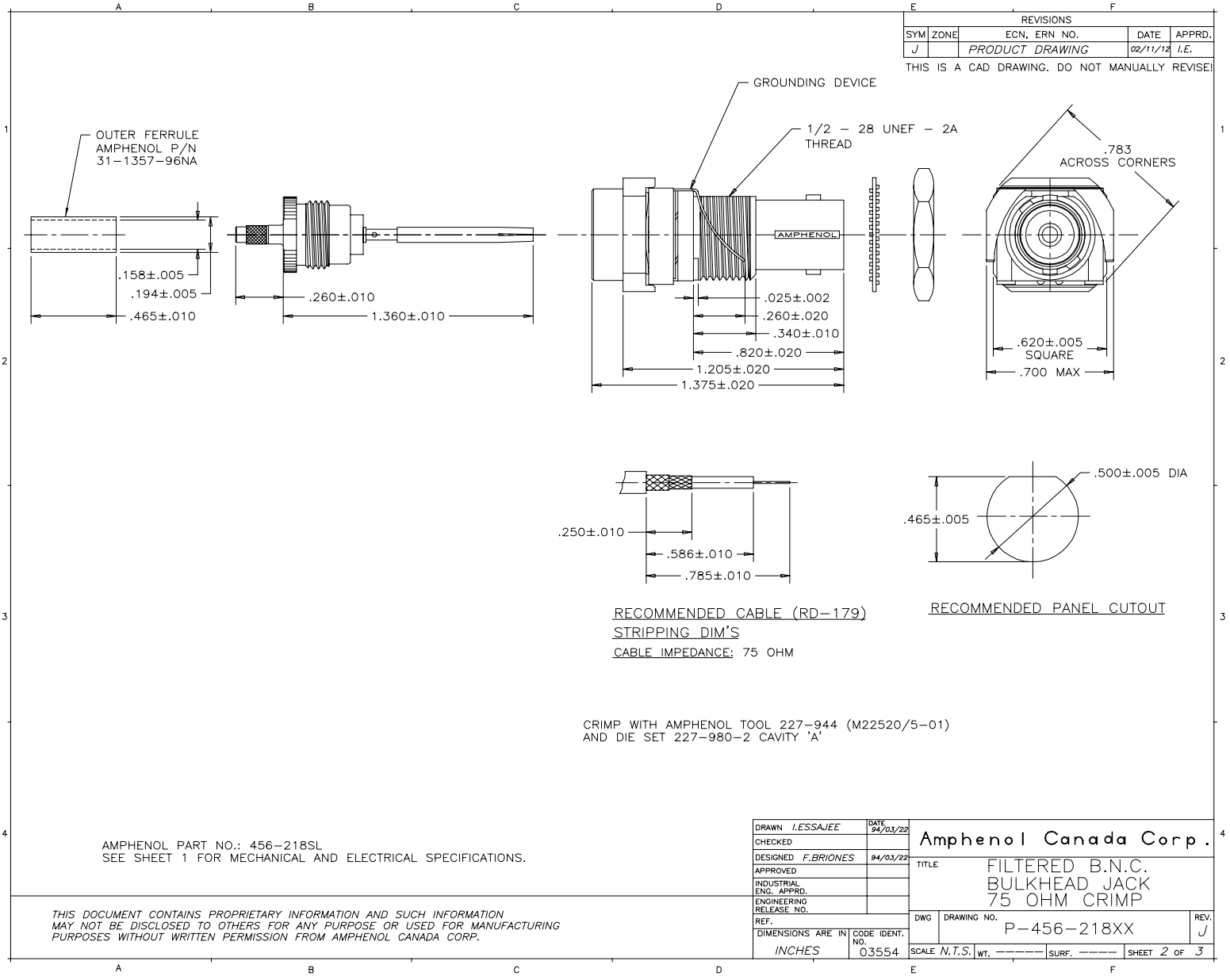
\* SEE SHEET 2 FOR PART NO. 456-218SL.

DRAWN I.ESSAJEE	DATE 94/03/22	Amphenol Canada Corp.		
CHECKED				
DESIGNED F.BRIONES	DATE 94/03/22	TITLE FILTERED B.N.C. BULKHEAD JACK 75 OHM CRIMP		
APPROVED				
INDUSTRIAL ENGR. APPROV.				
ENGINEERING RELEASE NO.				
REF.		DWG	DRAWING NO.	REV. J
DIMENSIONS ARE IN INCHES		CODE IDENT. NO. 03554	SCALE N.T.S.	WT. --- SURF. --- SHEET 1 OF 3

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REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
J		PRODUCT DRAWING	02/11/12	I.E.

THIS IS A CAD DRAWING. DO NOT MANUALLY REVISE!



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.

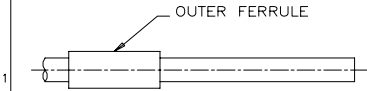
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CHECKED				
DESIGNED F.BRIONES	DATE 94/03/22	TITLE FILTERED B.N.C. BULKHEAD JACK 75 OHM CRIMP		
APPROVED				
INDUSTRIAL ENG. APPROV.				
ENGINEERING RELEASE NO.				
REF.		DWG	DRAWING NO.	REV. J
DIMENSIONS ARE IN INCHES			P-456-218XX	
CODE IDENT. NO. 03554		SCALE N.T.S.	WT. -----	SURF. -----
				SHEET 2 OF 3

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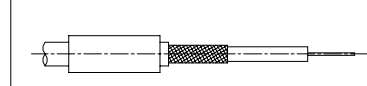
ASSEMBLY INSTRUCTIONS FOR P/N 456-218 & 456-218S

REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
J		PRODUCT DRAWING	02/11/12	I.E.

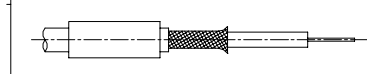
THIS IS A CAD DRAWING. DO NOT MANUALLY REVISE!



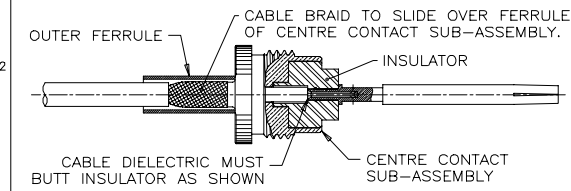
**STEP 1**  
SLIDE OUTER FERRULE ONTO CABLE AS SHOWN PRIOR TO STRIPPING CABLE.



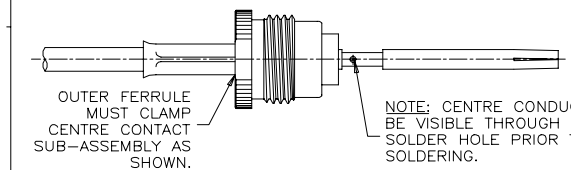
**STEP 2**  
STRIP CABLE JACKET, BRAID AND DIELECTRIC TO DIMENSIONS SHOWN ON SHEET 1. ALL CUTS ARE TO BE SHARP AND SQUARE. IMPORTANT: DO NOT NICK BRAID, DIELECTRIC AND CENTRE CONDUCTOR WHEN CUTTING. TIN CENTRE CONDUCTOR USING SOFT SOLDER PER QQ-S-571 COMP Sn 60. AVOID EXCESSIVE HEAT WHILE TINNING TO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



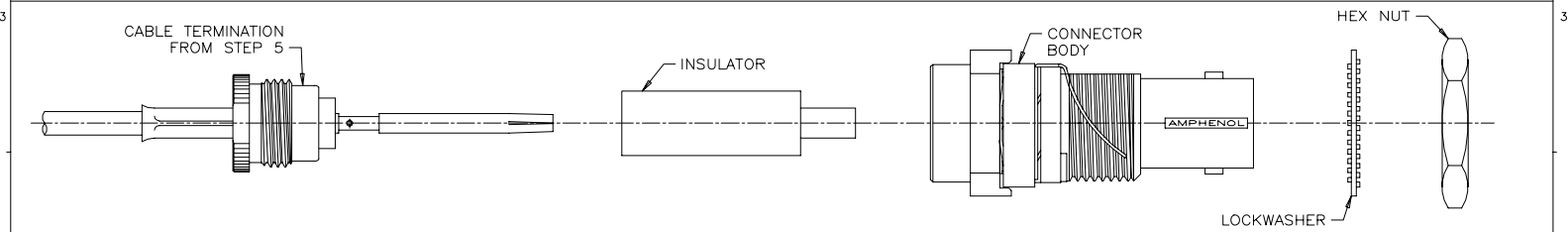
**STEP 3**  
SLIGHTLY FLARE OUT END OF CABLE BRAID AS SHOWN SO AS TO FACILITATE INSERTION ONTO CENTRE CONTACT SUB-ASSEMBLY. IMPORTANT: DO NOT COMB OUT BRAID.



**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.

MATERIAL	DRAWN I.ESSAJEE	DATE 24/03/22	Amphenol Canada Corp.	
-----	CHECKED		TITLE FILTERED B.N.C. BULKHEAD JACK 75 OHM CRIMP	
	DESIGNED F.BRIONES	94/03/22	DWG	DRAWING NO. P-456-218XX
	APPROVED		SCALE N.T.S.	WT. ----- SURF. ----- SHEET 3 OF 3
	INDUSTRIAL ENG. APPRD.			
	ENGINEERING RELEASE NO.			
FINISH	REF.	DIMENSIONS ARE IN INCHES	CODE IDENT. NO. 03554	REV. J

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