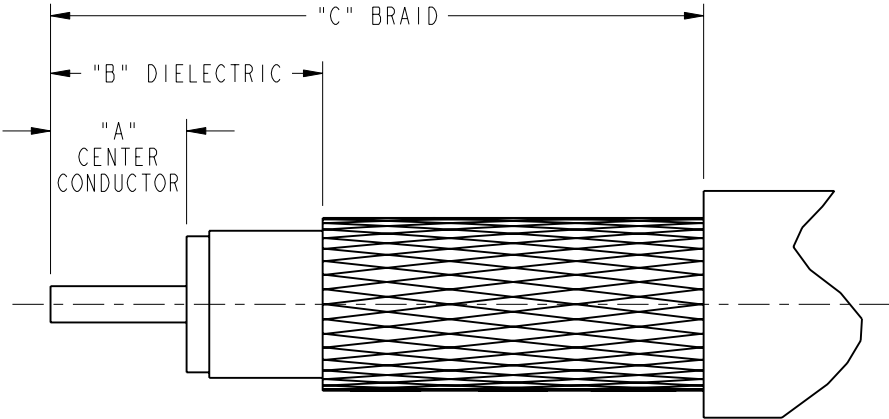


REVISIONS				
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	2/25/10	47992	BCG
B	A) ADDED C14 CABLE GROUP	10/14/10	48284	BCG
C	ADDED D46 CABLE GROUP	12/1/16	02762	RD

CABLE ASSEMBLY INSTRUCTIONS FOR
GENERATION 3.0 FAKRA JACKS
[3FA1-NXSJ-CXXWO & 3FA1-NXSJ-CXXW6]



RECOMMENDED CABLE
STRIPPING DIMENSIONS
SCALE 6.000

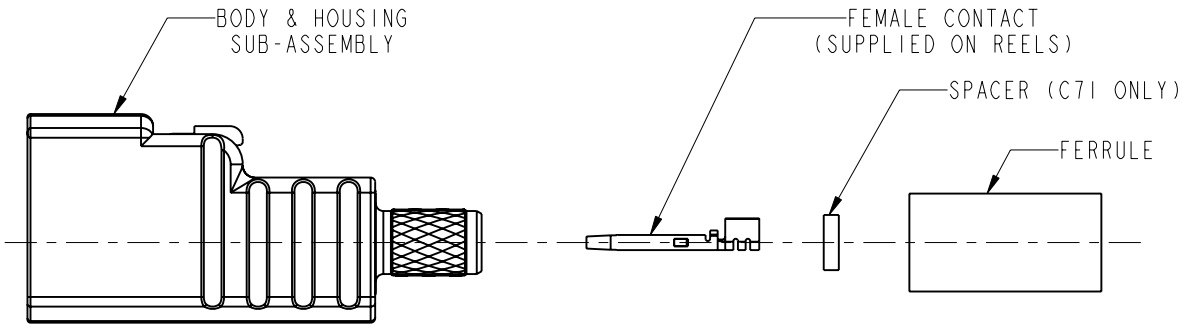
CABLE GROUP	STRIPPING LENGTH (mm)			NOTES (SEE BELOW)	FERRULE HEX CRIMP SIZE	CENTER CONTACT CRIMPING SPECIFICATION / DIE
	"A"	"B"	"C"			
C01	.106 (2.70)	.423 (10.75)	.720 (18.30)		.128 (3.25)	349-50747 & 349-50750
D46	.106 (2.70)	.423 (10.75)	.720 (18.30)	B	.142 (3.60)	349-50747 & 349-50750
C04	.106 (2.70)	.423 (10.75)	.720 (18.30)		.213 (5.41)	349-50747 & 349-50748
C14	.106 (2.70)	.423 (10.75)	.720 (18.30)		.213 (5.41)	349-50747 & 349-50750
M59	.106 (2.70)	.423 (10.75)	.720 (18.30)		.178 (4.52)	349-50747 & 349-50750
C65	.106 (2.70)	.423 (10.75)	.720 (18.30)		.255 (6.48)	349-50747 & 349-50750
C71	.146 (3.70)	.423 (10.75)	.720 (18.30)		.278 (7.06)	349-50747 & 349-50750

NOTE: A) THE C04 CABLE GROUP COVERS BOTH STANDARD AND LOW-LOSS RG-58 CABLE. WHEN USING THE LOW-LOSS RG-58 CABLE, THE FOIL SHOULD BE REMOVED OVER THE DIELECTRIC FOR OPTIMAL ELECTRICAL PERFORMANCE.
B) TRIM FOIL BACK 8MM.

	NAME	DATE		NAME	DATE
PROJ. ENG.	B.C. GLEISSNER	17-Sep-08	APPD. BY	H. PARIKH	2/25/10
CHK. BY			DATE ISSUED	S.HSIEH	14-Oct-10

AMPHENOL CORPORATION DANBURY, CONN.

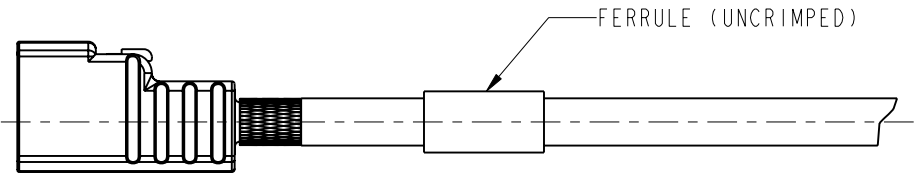
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES: AND TOLERANCES ARE:			CODE IDENT.	349-50801		REV
FRACTIONS	DECIMALS	ANGLES	74868			C
± 1/64	± .005	± 1°	SCALE: NONE	SHEET 1 OF 2		



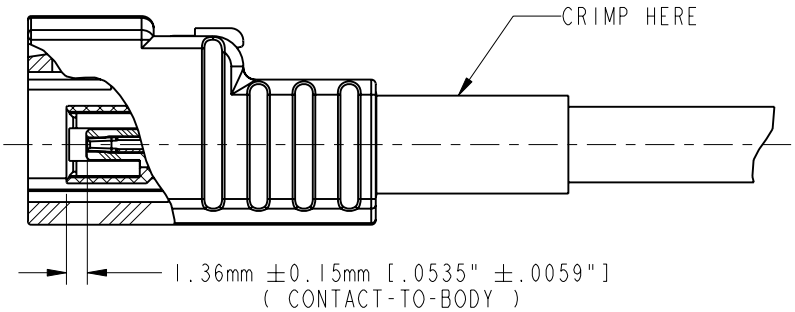
TYPICAL CONNECTOR COMPONENTS
[SHOWN AS 3FA1-NXSJ-CXXWO CONFIGURATION]



1. PREPARE CABLE PER TABLE AS SHOWN AND CRIMP CONTACT AS SHOWN USING THE APPROPRIATE CRIMPING SPECIFICATION PER TABLE BASED ON CABLE GROUP. FOR C71 CABLE GROUP, SLIDE THE SUPPLIED SPACER OVER THE CENTER CONDUCTOR BEFORE CRIMPING THE CONTACT.



2. SLIDE FERRULE OVER THE PREPARED CABLE AS SHOWN. COMB OR FLARE OUT THE BRAID AND INSERT THE CONTACT, DIELECTRIC, AND FOIL (IF APPLIES) INTO THE REAR OF THE BODY, KEEPING THE BRAID OUTSIDE THE BODY. GIVE A LIGHT PULL (2 LBS. MAX.) ON THE CABLE TO ASSURE THE CONTACT IS CAPTIVATED.



3. SLIDE FERRULE OVER THE BRAID UNTIL IT RESTS ON THE REAR SURFACE OF THE BODY. CRIMP THE FERRULE IN PLACE USING THE APPLICABLE HEX DIE AS SHOWN IN THE TABLE ON SHEET 1 BASED ON THE CABLE GROUP. THE FERRULE SHOULD BE CRIMPED AS CLOSE THE THE BODY AS POSSIBLE. THE CRIMP SHOULD WITHSTAND AN AXIAL PULL OF 110N FOR 5 SECONDS. CONFIRM CONTACT POSITION PER DIMENSION SHOWN ABOVE.

AMPHENOL CORPORATION DANBURY, CONN.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES: AND TOLERANCES ARE:			CODE IDENT.	349-50801		REV
FRACTIONS	DECIMALS	ANGLES	74868			C
± 1/64	± .005	± 1°	SCALE: NONE	BODYFI_FAK	SHEET 2 OF 2	