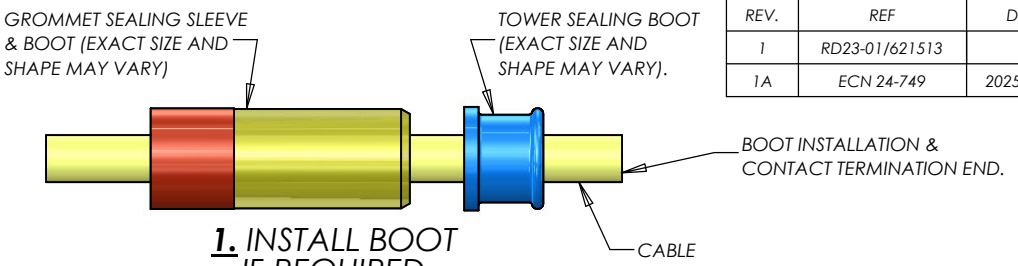
TOOLS REQUIRED:

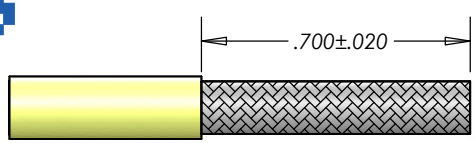
1. CABLE CUTTER
2. RAZOR
3. BRUSH
4. PRECISION SCISSORS
5. COAX CABLE CUTTER (OPTIONAL)
6. WAFER INSTALLATION TOOL
7. 1/4" WRENCH
8. 6mm WRENCH

TERMINATION INSTRUCTIONS VIDEO:

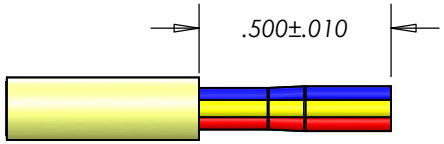
REVISIONS (UPTO FIVE LATEST REVISIONS LISTED)			
REV.	REF	DATE	INITIALS
1	RD23-01/621513	PER TITLE BLOCK	
1A	ECN 24-749	2025-02-05	G.P./M.J.



1. INSTALL BOOT IF REQUIRED



2. STRIP JACKET



ALTERNATE A2.
STRIP BRAID & JACKET

QUICK QUADRAX TERMINATION INSTRUCTIONS:

1. CUT CABLE TO LENGTH. IF SUPPLIED, SLIDE BOOT OVER CABLE, ENSURING IT IS INSTALLED WITH CORRECT ORIENTATION SHOWN.

CABLE PREPARATION:

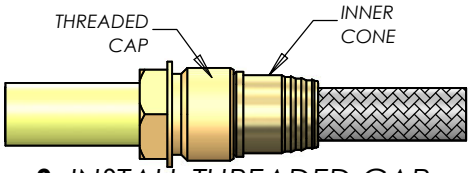
2. STRIP CABLE JACKET.
3. SLIDE THREADED CAP & INNER CONE AS SHOWN UNTIL CABLE JACKET BUTTS INSIDE.
4. COMB THE BRAID.

ALTERNATE CABLE PREPARATION:

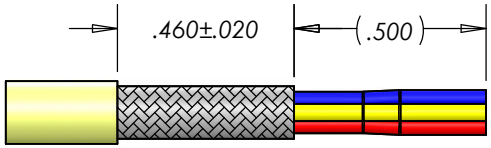
A2. STRIP THE BRAID & JACKET TO LENGTH USING COAX CABLE CUTTER, ENSURING ALL BRAID STRANDS ARE TRIMMED WITHOUT CUTTING INNER WIRES.

A3. STRIP CABLE JACKET.

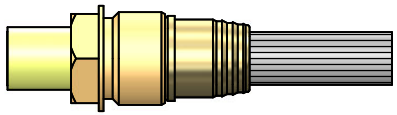
A4. SLIDE THREADED CAP & INNER CONE AS SHOWN UNTIL CABLE JACKET BUTTS INSIDE THEN COMB THE BRAID.



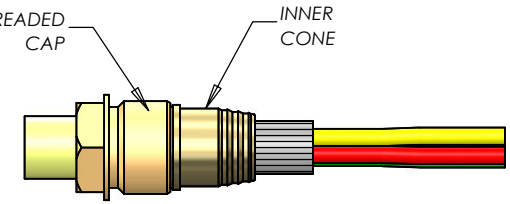
3. INSTALL THREADED CAP AND INNER CONE



ALTERNATE A3.
STRIP JACKET FURTHER



4. COMB BRAID



ALTERNATE A4.
INSTALL THREADED CAP AND INNER CONE

TABLE 1

AMPHENOL CANADA PART NUMBER	DESCRIPTION	GENDER	RECOMMENDED CABLE	BOOT	WAFER INSTALLATION TOOL
ER39-1K08PD01-01N	SIZE 8 CONTACT, QUICK QUADRAX (100Ω), IDC ADAPTER	PIN	TENSOLITE NF24Q100	NONE	E0TL-00001-A01 (.213 HEX)
ER39-1K08PD01-01E				GROMMET SEALING SLEEVE & BOOT	
ER39-1K08PD01-01B				TOWER SEALING BOOT	
ER39-1K08SD01-01N		SOCKET		NONE	
ER39-1K08SD01-01E				GROMMET SEALING SLEEVE & BOOT	
ER39-1K08SD01-01B				TOWER SEALING BOOT	

MATERIAL --	NAME & DATE (YEAR-MONTH-DAY)		Amphenol Canada Corp.
	DRAWN J.CASTILLO	2024-02-09	
	DESIGNED J.CASTILLO	2023-04-19	TITLE: INSTRUCTION SHEET FOR SIZE 8 CONTACT QUICK QUADRAX (100Ω) WITH IDC ADAPTER
	CHECKED G.PATEL	2024-02-26	
	WORKSHOP APPROVED --		
	PROCESS APPROVED --		
	DESIGN APPROVED M.JONG	2024-03-05	
FINISH --	ERN. --	GENERAL TOLERANCE UNLESS OTHERWISE STATED	SIZE A / DWG. NO. 499-INS-6K08-D001 / REV. 1A
	REF. RD23-01/621513	X.X ± .1, X.XX ± .01, X.XXX ± .002, X.XXXX ± .0005, ANGLES ± 5°	SCALE 2:1 / CAD: SOLIDWORKS / SHEET 1 OF 4
	DIMENSIONS ARE IN INCHES [MILLIMETERS] REFERENCE	CAGE CODE 03554	INTERPRET DRAWING PER ASME Y14.100-2017 & ASME Y14.5-2018

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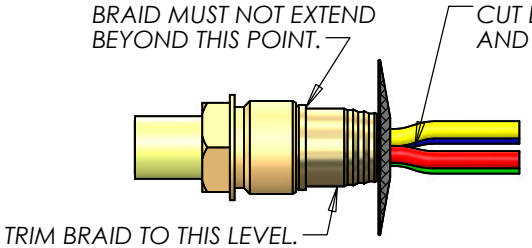
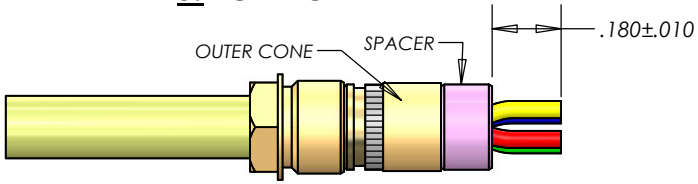
QUICK QUADRAX TERMINATION INSTRUCTIONS (CONTINUED):

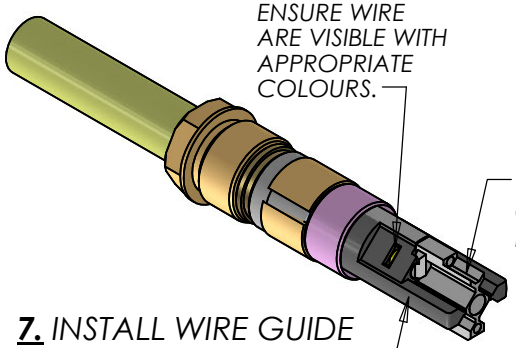
5.
   A. *FLAIR CABLE BRAID BACK OVER INNER CONE. ENSURE BRAID DOES NOT EXTEND ON TO THE THREADED CAP.*
   B. *CUT WRAPS AND CABLE FILLERS AS CLOSE TO OUTER CABLE BRAID AS POSSIBLE.*
6. *INSTALL OUTER CONE & SPACER. CUT INNER WIRES TO LENGTH.*
7. *INSTALL INNER WIRES INTO WIRE GUIDE ENSURING THEY ARE VISIBLE IN THE SLOTS. ENSURE WIRES ARE IN POSITIONS RELATIVE TO KEYWAY REQUIRED FOR THE ASSEMBLY. PUSH ALL COMPONENTS TOGETHER TO MINIMIZE THE GAP BETWEEN THE WIRE GUIDE & SPACER.*
8. *CAREFULLY PLACE AN OPPOSING WAFER PAIR WITH VERY LIGHT PRESSURE INTO THE SLOTS OF THE WIRE GUIDE. PLACE THE SUBASSEMBLY IN THE CENTER OF THE TOOL DIE SET OPENING AND PRESS THE WAFERS INTO PLACE. REPEAT FOR THE REMAINING PAIR.*
9. *ALIGN THE FRONT INSULATOR KEY AND INSTALL ON WAFER PINS.*



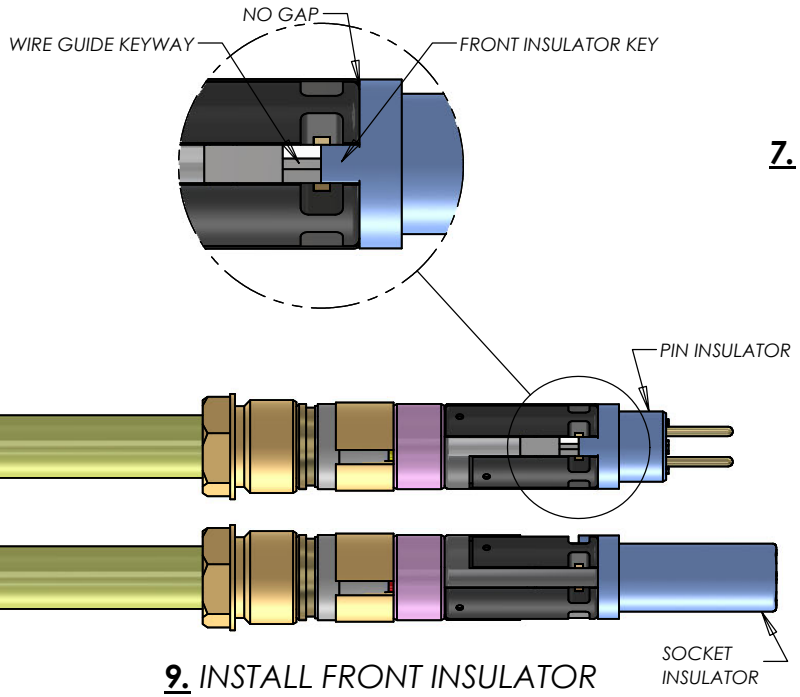
5. *FOLD OVER BRAID*



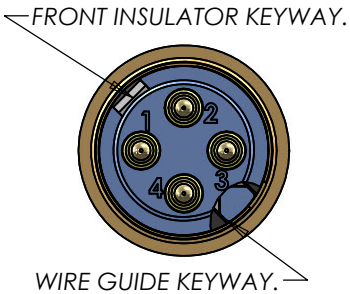
6. *INSTALL OUTER CONE AND SPACER*



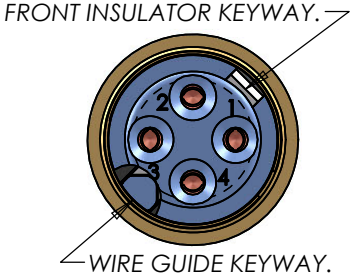
7. *INSTALL WIRE GUIDE*



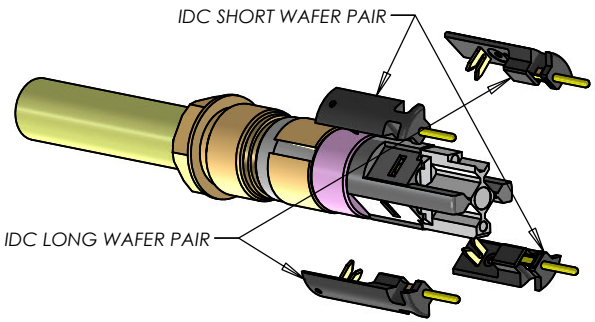
9. *INSTALL FRONT INSULATOR*



PIN FRONT VIEW



SOCKET FRONT VIEW



8. *INSTALL WAFERS*

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	DESIGNED J.CASTILLO	2023-04-19	TITLE: **INSTRUCTION SHEET FOR SIZE 8 CONTACT QUICK QUADRAX (100Ω) WITH IDC ADAPTER**
	CHECKED G.PATEL	2024-02-26	
	WORKSHOP APPROVED --		
	PROCESS APPROVED --		
	DESIGN APPROVED M.JONG	2024-03-05	
FINISH --	ERN. --	GENERAL TOLERANCE UNLESS OTHERWISE STATED	SIZE A | DWG. NO. 499-INS-6K08-D001 | REV. 1A
	REF. RD23-01/621513	X.X ± .1, X.XX ± .01, X.XXX ± .002, X.XXXX ± .0005, ANGLES ± 5°	SCALE 2:1 | CAD: SOLIDWORKS | SHEET 2 OF 4
	DIMENSIONS ARE IN INCHES [MILLIMETERS] | CAGE CODE 03554		INTERPRET DRAWING PER ASME Y14.100-2017 & ASME Y14.5-2018

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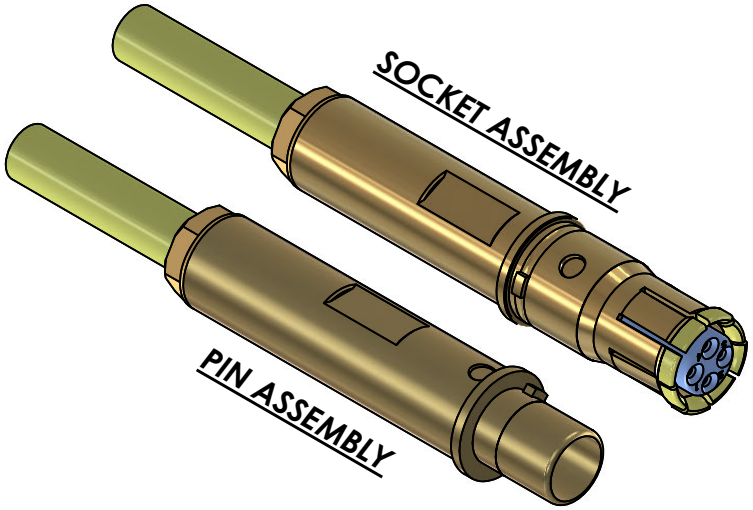
QUICK QUADRAX TERMINATION INSTRUCTIONS (CONTINUED):

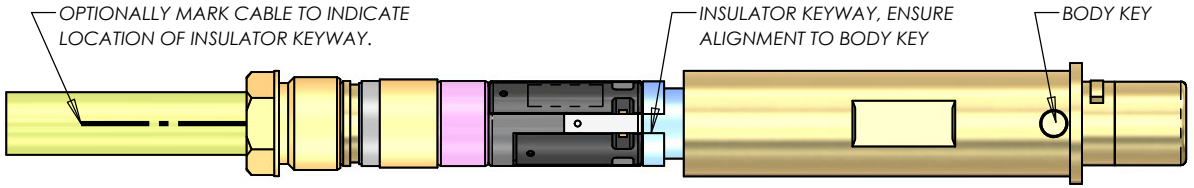
10.

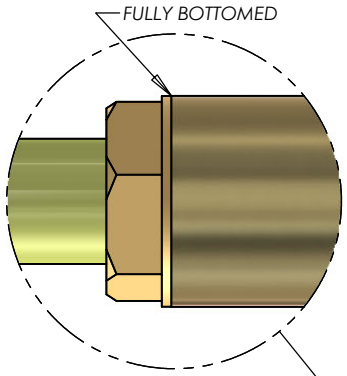
A. *OPTIONALLY MARK THE CABLE TO INDICATE INSULATOR KEYWAY.*

B. *INSTALL OUTER BODY OVER ASSEMBLY WHILE KEEPING BODY KEY ALIGNED TO THE INSULATOR KEYWAY.*

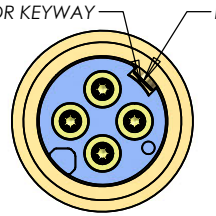
11. SCREW THREADED CAP TO OUTER BODY UNTIL IT BOTTOMS ON THE BODY.

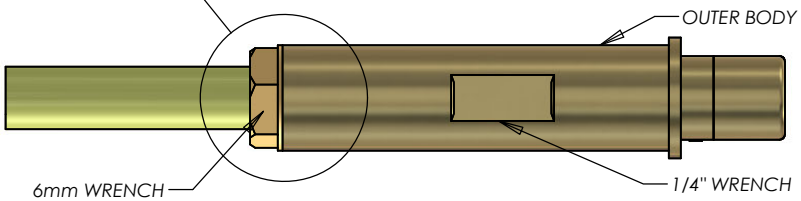






10. *INSTALL IN BODY*





11. *SCREW IN THREADED CAP*

CONTACT INSERTION INTO CONNECTOR

CONTACTS ARE INSERTED BY HAND. INSERT THE CONTACT ASSEMBLY INTO THE PROPER CONNECTOR INSERT HOLE. CONTACT MUST BE ALIGNED WITH HOLE AND NOT INSERTED AT AN ANGLE. THE CONTACT'S ORIENTATION KEY MUST BE ALIGNED WITH THE CONNECTOR INSERT CAVITY KEYWAY. PUSH FORWARD UNTIL CONTACT IS FELT TO SNAP INTO POSITION WITHIN THE INSERT. CONTACT MAY NEED TO BE SLIGHTLY ROTATED TO PROPERLY ALIGN CONTACT ORIENTATION KEY WITH CONNECTOR INSERT CAVITY KEYWAY. GENTLY TUG ON CABLE TO ASSURE RETENTION. IF PRESENT, GENTLY SLIDE BOOT INTO POSITION UNTIL IT BOTTOMS ON THE REAR OF THE INSERT.

CONTACT REMOVAL FROM CONNECTOR

POSITION REMOVAL TOOL PART NUMBER 485-952, AROUND CABLE AND SLIDE TOOL TOWARD CONNECTOR UNTIL TOOL TIPS ENTER REAR GROMMET AND COMES TO A POSITIVE STOP ON THE CONTACT. GRIP CABLE AND SIMULTANEOUSLY REMOVE TOOL, CONTACT AND CABLE.

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	DRAWN J.CASTILLO	2024-02-09	
	DESIGNED J.CASTILLO	2023-04-19	TITLE
	CHECKED G.PATEL	2024-02-26	**INSTRUCTION SHEET FOR SIZE 8 CONTACT QUICK QUADRAX (100Ω) WITH IDC ADAPTER**
	WORKSHOP APPROVED --		
	PROCESS APPROVED --		
	DESIGN APPROVED M.JONG	2024-03-05	
FINISH --	ERN. --	GENERAL TOLERANCE UNLESS OTHERWISE STATED	SIZE A / DWG. NO. 499-INS-6K08-D001 / REV. 1A
	REF. RD23-01/621513	X.X ± .1 X.XX ± .01 X.XXX ± .002 X.XXXX ± .0005 ANGLES ± 5°	SCALE 2:1 / CAD: SOLIDWORKS / SHEET 3 OF 4
	DIMENSIONS ARE IN INCHES REFERENCE [MILLIMETERS] / CAGE CODE 03554		INTERPRET DRAWING PER ASME Y14.100-2017 & ASME Y14.5-2018

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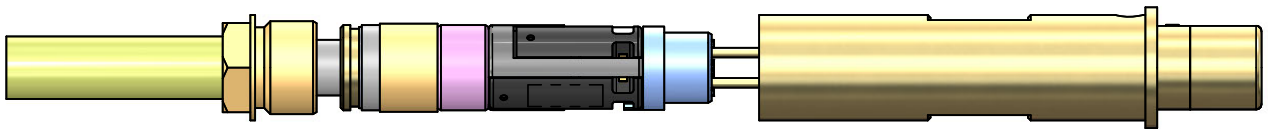
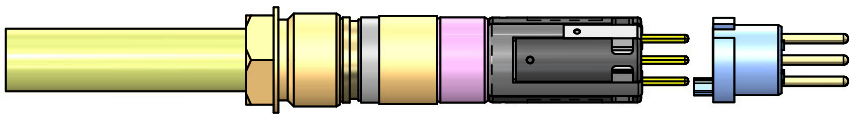
QUICK QUADRAX REPAIR INSTRUCTIONS:

1. *UNSCREW THREADED CAP FROM OUTER BODY.*
2. *PULL CABLE TO REMOVE INTERNAL ASSEMBLY.*
3. *HOLD IDC ADAPTER AND PULL OFF FRONT INSULATOR.*
4. *CONTINUE WITH TERMINATION STEP 9.*

REPAIR 1.
REMOVE THREADED CAP



REPAIR 2.
REMOVE INTERNAL ASSEMBLY



REPAIR 3.
REMOVE FRONT INSULATOR

MATERIAL --	NAME & DATE (YEAR-MONTH-DAY)		**Amphenol Canada Corp.**
	DRAWN J.CASTILLO	2024-02-09	
	DESIGNED J.CASTILLO	2023-04-19	TITLE **INSTRUCTION SHEET FOR SIZE 8 CONTACT QUICK QUADRAX (100Ω) WITH IDC ADAPTER**
	CHECKED G.PATEL	2024-02-26	
	WORKSHOP APPROVED --		
	PROCESS APPROVED --		
	DESIGN APPROVED M.JONG	2024-03-05	
FINISH --	ERN. --	GENERAL TOLERANCE UNLESS OTHERWISE STATED	SIZE A | DWG. NO. 499-INS-6K08-D001 | REV. 1A
	REF. RD23-01/621513	X.X ± .1 X.XX ± .01 X.XXX ± .002 X.XXXX ± .0005 ANGLES ± 5°	SCALE 2:1 | CAD: SOLIDWORKS | SHEET 4 OF 4
	DIMENSIONS ARE IN INCHES REFERENCE [MILLIMETERS] | CAGE CODE 03554		INTERPRET DRAWING PER ASME Y14.100-2017 & ASME Y14.5-2018

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