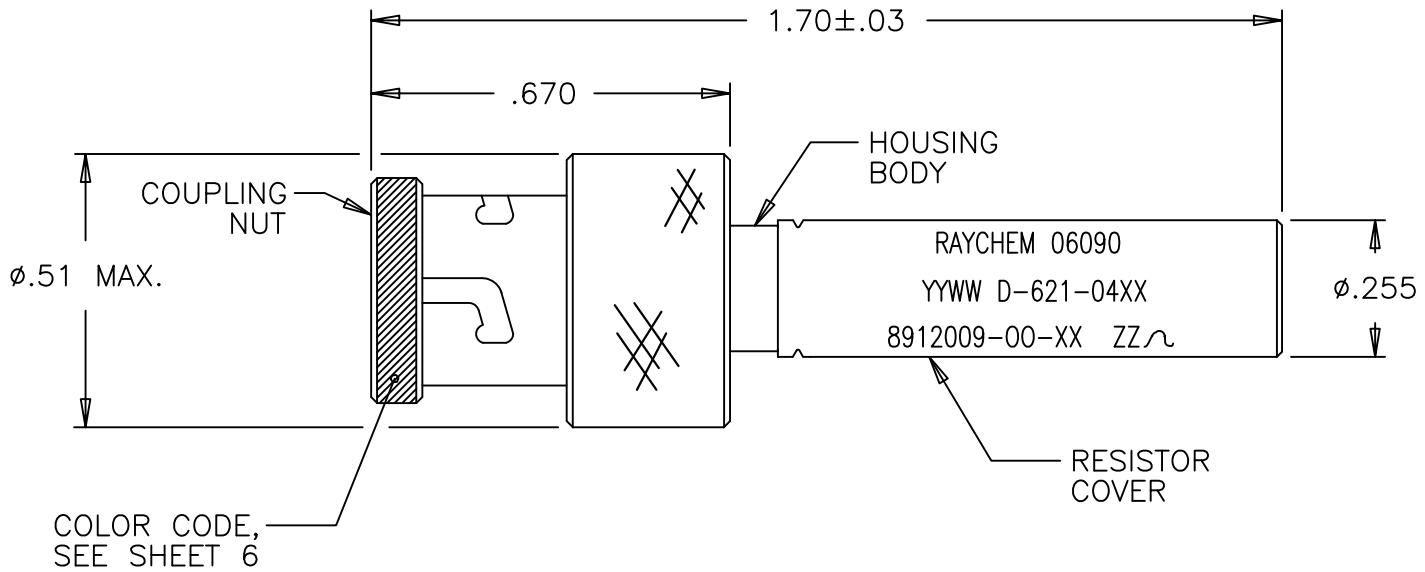


REVISIONS				
LTR	DESCRIPTION	DATE	APPROVED	
D	REVISED PER ECN T-14105 (LANYARD WAS 6in)	90MAR29	Z. TEMAN	
E	REVISED PER ECN# T-17959	93JAN06	Z. TEMAN	
F	REVISED PER ECN# T-21489	6/10/97	Z. TEMAN	
F1	REVISED DWG PER ECO-11-009073	5/02/2011	E.CHEN	

NOTE: (-L) ADDED TO D-621-04XX NUMBER INDICATES LANYARD (See Sheets 3 and 4),



(TRIAXIAL CONNECTOR, PLUG WEIGHT: 16 GRAMS MAX.)

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CUSTOMER DRAWING

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES.  
METRIC DIMENSIONS ARE  
IN BRACKETS.

DECIMALS

.XXX ± .005 { — mm }  
.XX ± .01 { — mm }

ANGLES

.X ± 1°

WEIGHT

— lbs { — g MAX. }

DRAWN J.B.K. 89 JULY 21

CHECKED

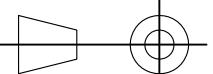
APPROVED

APPROVED Z.TEMAN 89 JULY 26

CAD NAME

D-621-0453\_0484-La\_CD\_F1

THIRD ANGLE  
PROJECTION



TE Connectivity

CORROSION RESISTANT CONNECTOR,  
TRIAXIAL, BAYONET COUPLED,  
RESISTOR TERMINATOR

TITLE

SIZE

CODE

IDENT. NO.

06090

DWG. NO.

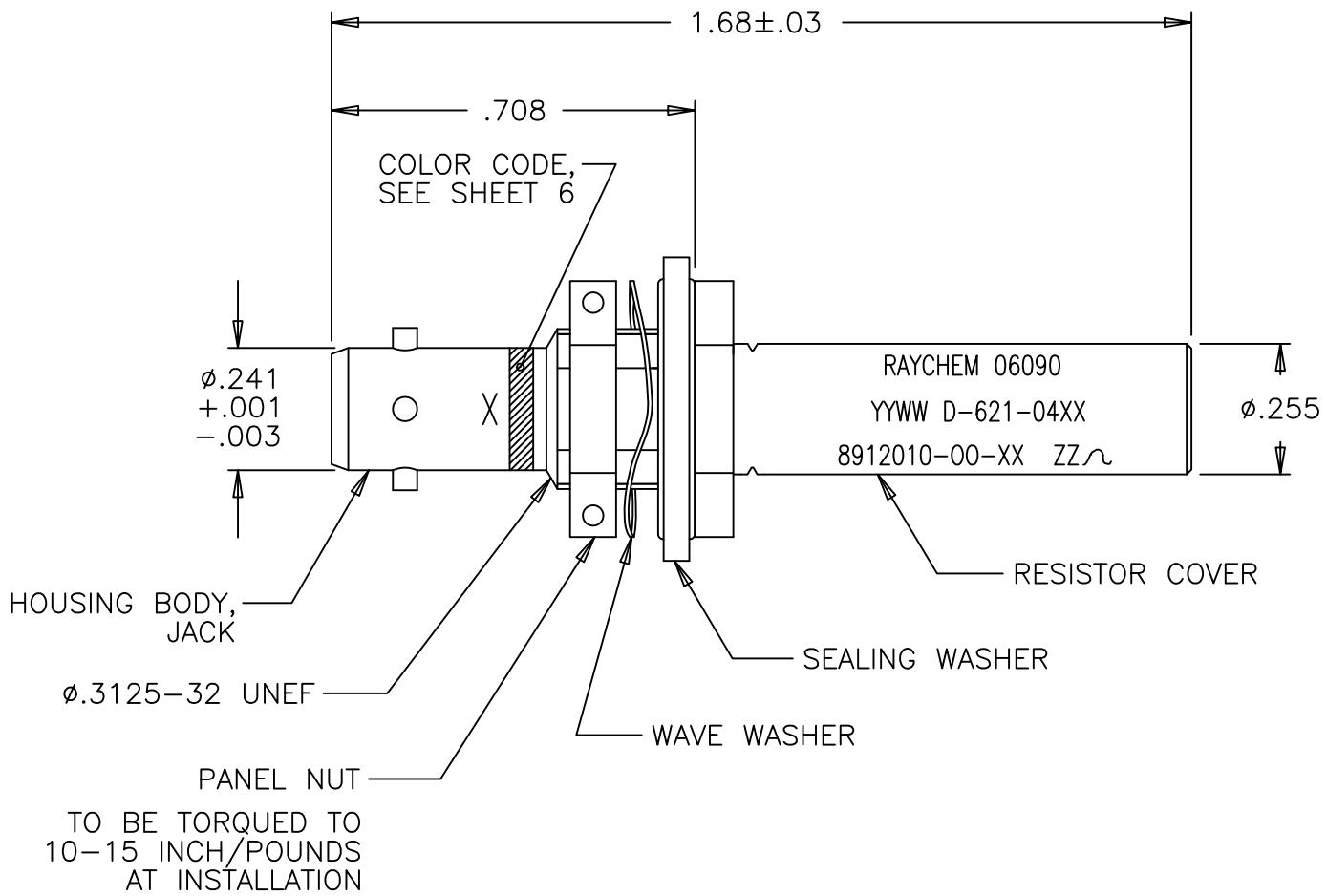
D-621-0453/0484-L

REV

F1

DO NOT SCALE THIS DRAWING

SHEET 1 OF 7



(TRIAXIAL CONNECTOR, JACK WEIGHT: 14 GRAMS MAX.)

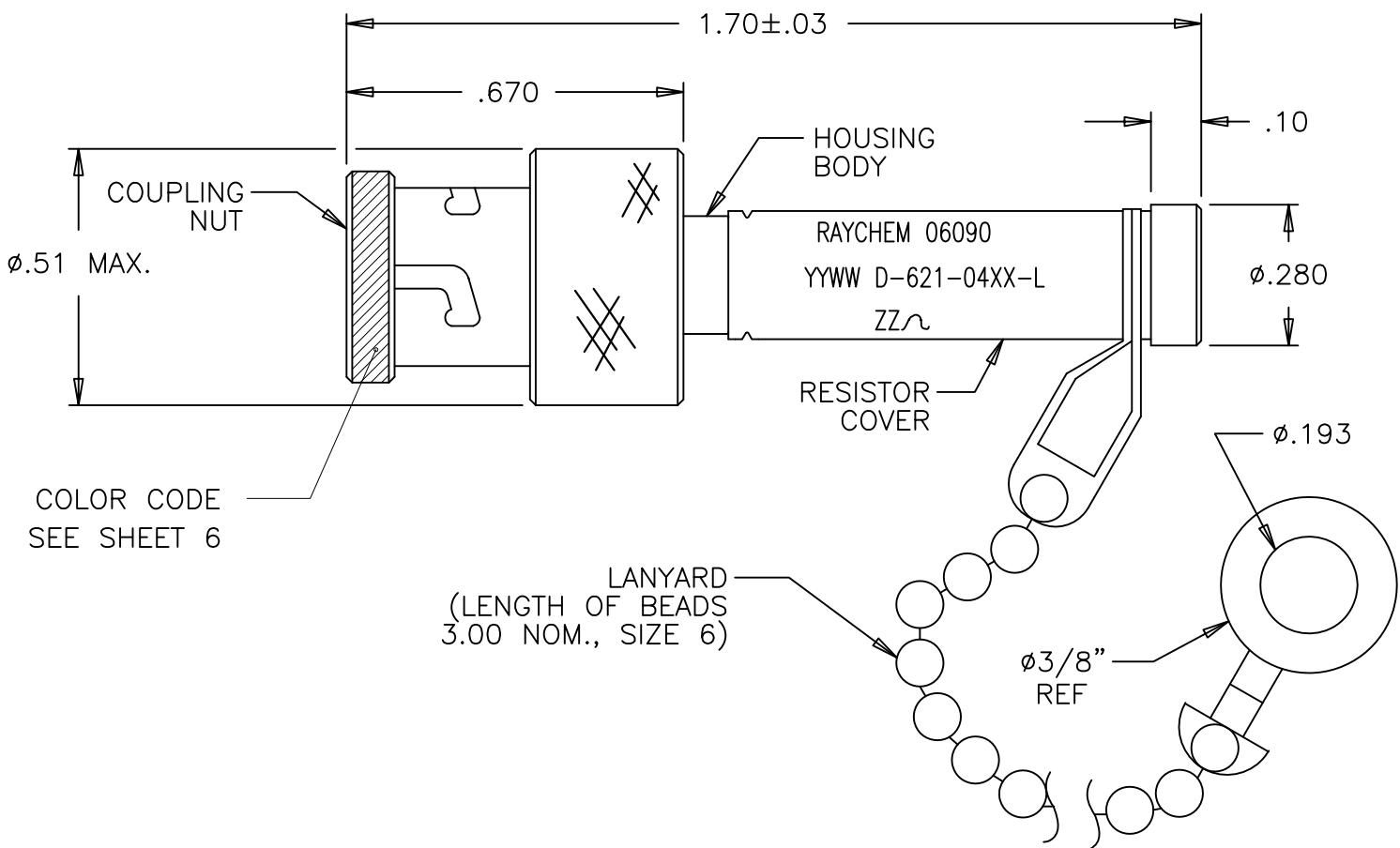
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TE Connectivity

CAD NAME:	DRAWN	J.B.K.	89 JULY 21	SIZE	CODE IDENT. NO.	DWG. NO.	REV
D-621-0453_0484-Lb_CD_F1	ISSUED			A	06090	D-621-0453/0484-L	F1
DO NOT SCALE THIS DRAWING				SHEET 2 OF 7			



(TRIAXIAL CONNECTOR, WITH LANYARD, PLUG WEIGHT: 21 GRAMS MAX.)

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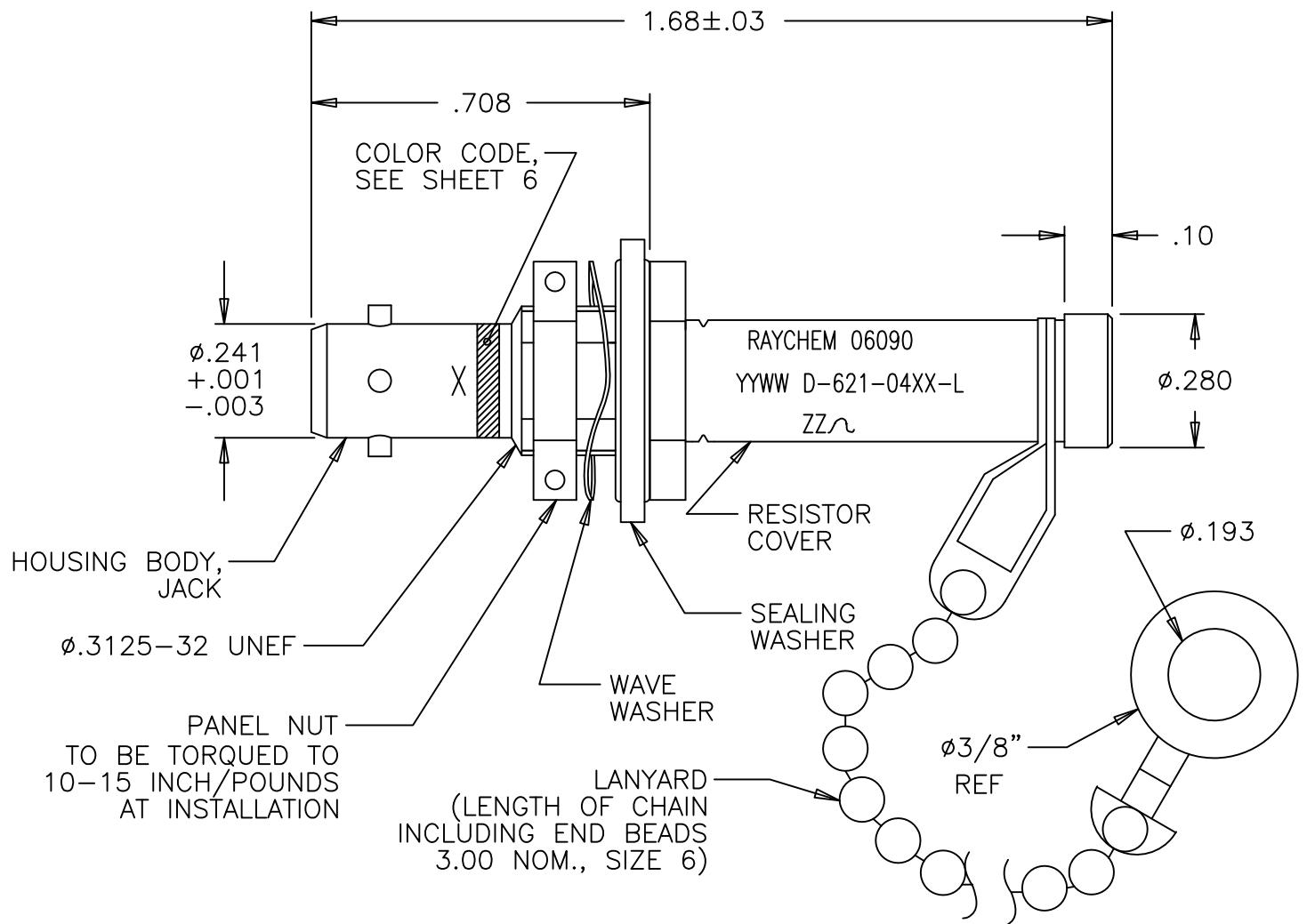
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TE Connectivity

CAD NAME: D-621-0453_0484-Lc_CD_F1	DRAWN ISSUED	J.B.K.	89 AUG 25	SIZE A	CODE IDENT. NO. 06090	DWG. NO. D-621-0453/0484-L	REV F1
DO NOT SCALE THIS DRAWING							

SHEET 3 OF 7



TRIAXIAL CONNECTOR, WITH LANYARD, JACK WEIGHT: 19 GRAMS MAX.)

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TE Connectivity

CAD NAME:	DRAWN	J.B.K.	89 JULY 21	SIZE	CODE IDENT. NO.	DWG. NO.	REV
D-621-0453_0484-Ld_CD_F1	ISSUED			A	06090	D-621-0453/0484-L	F1
DO NOT SCALE THIS DRAWING				SHEET 4 OF 7			

## 1.0 MATERIALS AND FINISHES

1.1 HOUSING BODY: BECU PER ASTM B 196, TIN PLATED PER MIL-T-10727, OVER NICKEL PER QQ-N-290

1.1.1 INSULATION: POLYETHERSULFONE

1.2 COUPLING NUT: (PLUG) BECU PER ASTM B 196, TIN PLATED PER MIL-T-10727, OVER NICKEL PER QQ-N-290

1.2.1 INTERFACIAL SEAL: SILICONE RUBBER

1.3 PANEL NUT: (JACK) BRASS ALLOY PER ASTM B16, TIN PLATED PER MIL-T-10727 OVER NICKEL PER QQ-N-290

1.4 WAVE WASHER: (JACK) BECU PER ASTM B194, TIN PLATED PER MIL-T-10727 OVER NICKEL PER QQ-N-290

1.5 SEALING WASHER: (JACK) SILICONE RUBBER (AMS 3304), STAINLESS STEEL PER MIL-S-5059, PASSIVATED PER QQ-P-35.

1.6 RESISTOR COVER: 300 SERIES STAINLESS STEEL PER ASTM A582, TIN PLATED PER MIL-T-10727, OVER NICKEL PER MIL-C-26074

1.7 LANYARD: CORROSION RESISTANT STEEL, TIN PLATED PER MIL-T-10727, OVER NICKEL PER QQ-N-290

## 2.0 PERFORMANCE CAPABILITIES

2.1 REFER TO RAYCHEM SPECIFICATION D-6025 (SUPERSEDES D-6050) AND D-6020 FOR PERFORMANCE AND QUALIFICATION REQUIREMENTS.

## 2.2 GENERAL CHARACTERISTICS.

2.2.1 OPERATING TEMPERATURE: -65°C TO 125°C

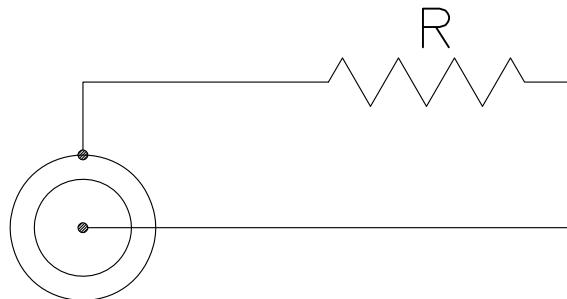
2.2.2 INSULATION RESISTANCE: GREATER THAN 5K MEG \*

2.2.3 DIELECTRIC STRENGTH: 900 VAC AT 60 Hz \*

2.2.4 POWER RATING: 1 WATT MAX.

2.2.5 TERMINATOR RESISTANCE: SEE RESISTANCE VALUES, SHEET 7 OF 7

2.2.6 SALT SPRAY CORROSION RESISTANCE: 500 HOURS



\* BETWEEN INNER COAXIAL CONTACT AND OUTER HOUSING

R = SEE SHEET 7 OF 7 FOR RESISTANCE VALUE  $\pm 2\%$

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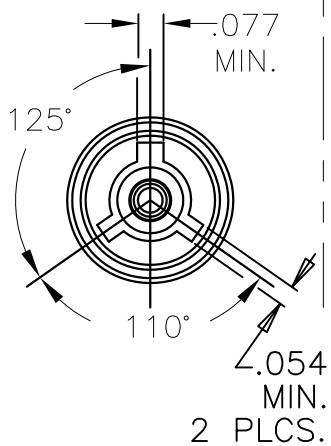
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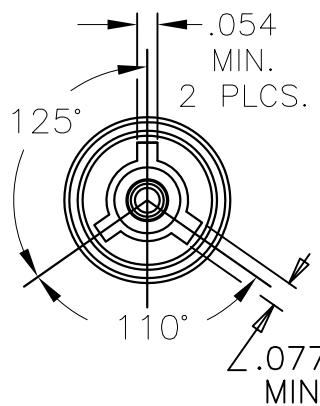
TE Connectivity

CAD NAME:	DRAWN	J.B.K.	89 JULY 21	SIZE	CODE IDENT. NO.	DWG. NO.	REV
D-621-0453_0484-Le_CD_F1	ISSUED			A	06090	D-621-0453/0484-L	F1
DO NOT SCALE THIS DRAWING							SHEET 5 OF 7

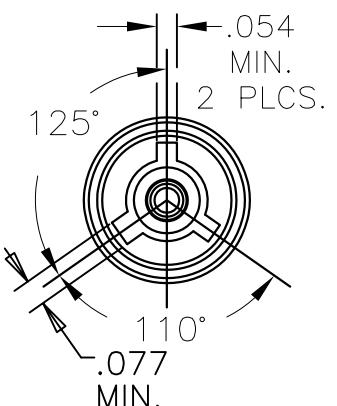
INTERFACE  
"A"  
PLUG



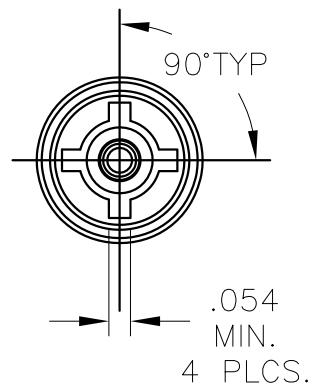
INTERFACE  
"B"  
PLUG



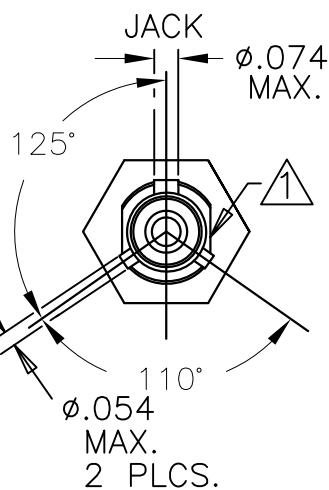
INTERFACE  
"C"  
PLUG



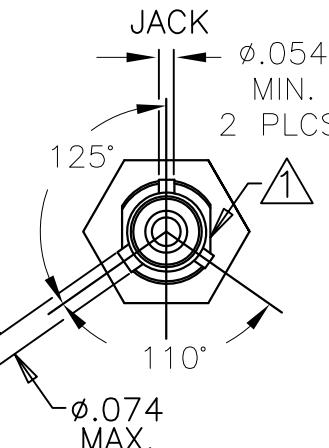
INTERFACE  
"D"  
PLUG



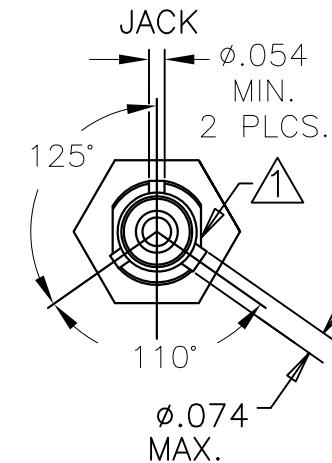
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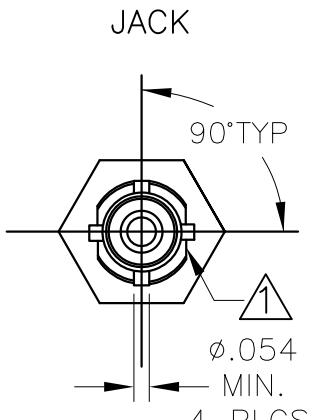
COLOR CODE: WHITE



COLOR CODE: GREEN



NO COLOR CODE



NOTES:

△ MAJOR KEY ORIENTATION WITH RESPECT TO FLATS IS NOT CONTROLLED.

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TE Connectivity

CAD NAME:  
D-621-0453\_0484-Lf\_CD\_F1

DRAWN J.B.K.	ISSUED	89 JULY 21	SIZE A	CODE IDENT. NO. 06090	DWG. NO. D-621-0453/0484-L	REV F1
			DO NOT SCALE THIS DRAWING			
						SHEET 6 OF 7

NOTES:

⚠ 1 SUFFIX -L INDICATES PARTS WITH LANYARD, SEE SHEETS 3 AND 4.  
 -L PARTS DO NOT HAVE USAF NUMBERS.

DRAWING NO.	USAF DRAWING NO.	CONNECTOR	INTERFACE	INSTALLED CONTACT	RESISTANCE VALUE ±2%
D-621-0453(-L)	8912009-00-05	PLUG	"A"	PIN	78 OHMS
D-621-0454(-L)	8912009-00-06	PLUG	"B"	PIN	78 OHMS
D-621-0455(-L)	8912009-00-07	PLUG	"C"	PIN	78 OHMS
D-621-0456(-L)	8912009-00-08	PLUG	"D"	PIN	78 OHMS
D-621-0457(-L)	8912009-00-01	PLUG	"A"	PIN	3000 OHMS
D-621-0458(-L)	8912009-00-02	PLUG	"B"	PIN	3000 OHMS
D-621-0459(-L)	8912009-00-03	PLUG	"C"	PIN	3000 OHMS
D-621-0460(-L)	8912009-00-12	PLUG	"D"	SOCKET	3000 OHMS
D-621-0461(-L)	8912010-00-13	JACK	"A"	SOCKET	78 OHMS
D-621-0462(-L)	8912010-00-14	JACK	"B"	SOCKET	78 OHMS
D-621-0463(-L)	8912010-00-15	JACK	"C"	SOCKET	78 OHMS
D-621-0464(-L)	8912010-00-16	JACK	"D"	SOCKET	78 OHMS
D-621-0465(-L)	8912010-00-09	JACK	"A"	SOCKET	3000 OHMS
D-621-0466(-L)	8912010-00-10	JACK	"B"	SOCKET	3000 OHMS
D-621-0467(-L)	8912009-00-11	JACK	"C"	SOCKET	3000 OHMS
D-621-0468(-L)	8912009-00-12	JACK	"D"	SOCKET	3000 OHMS
D-621-0469(-L)	8912009-00-13	PLUG	"A"	SOCKET	78 OHMS
D-621-0470(-L)	8912009-00-14	PLUG	"B"	SOCKET	78 OHMS
D-621-0471(-L)	8912009-00-15	PLUG	"C"	SOCKET	78 OHMS
D-621-0472(-L)	8912009-00-16	PLUG	"D"	SOCKET	78 OHMS
D-621-0473(-L)	8912009-00-09	PLUG	"A"	SOCKET	3000 OHMS
D-621-0474(-L)	8912009-00-10	PLUG	"B"	SOCKET	3000 OHMS
D-621-0475(-L)	8912009-00-11	PLUG	"C"	SOCKET	3000 OHMS
D-621-0476(-L)	8912009-00-04	PLUG	"D"	PIN	3000 OHMS
D-621-0477(-L)	8912009-00-05	JACK	"A"	PIN	78 OHMS
D-621-0478(-L)	8912009-00-06	JACK	"B"	PIN	78 OHMS
D-621-0479(-L)	8912009-00-07	JACK	"C"	PIN	78 OHMS
D-621-0480(-L)	8912009-00-08	JACK	"D"	PIN	78 OHMS
D-621-0481(-L)	8912009-00-01	JACK	"A"	PIN	3000 OHMS
D-621-0482(-L)	8912009-00-02	JACK	"B"	PIN	3000 OHMS
D-621-0483(-L)	8912009-00-03	JACK	"C"	PIN	3000 OHMS
D-621-0484(-L)	8912009-00-04	JACK	"D"	PIN	3000 OHMS

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TE Connectivity

CAD NAME:	DRAWN	J.B.K.	89 AUG 25	SIZE	CODE IDENT. NO.	DWG. NO.	REV
D-621-0453_0484-Lg_CD_F1	ISSUED			A	06090	D-621-0453/0484-L	F1
				DO NOT SCALE THIS DRAWING			SHEET 7 OF 7

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[D-621-0454-L](#)