

DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN INCHES[MILLIMETERS]

PRF04-P-C-EP-160A-SS

SERIES
-04: TNCA

GENDER
-P: PLUG

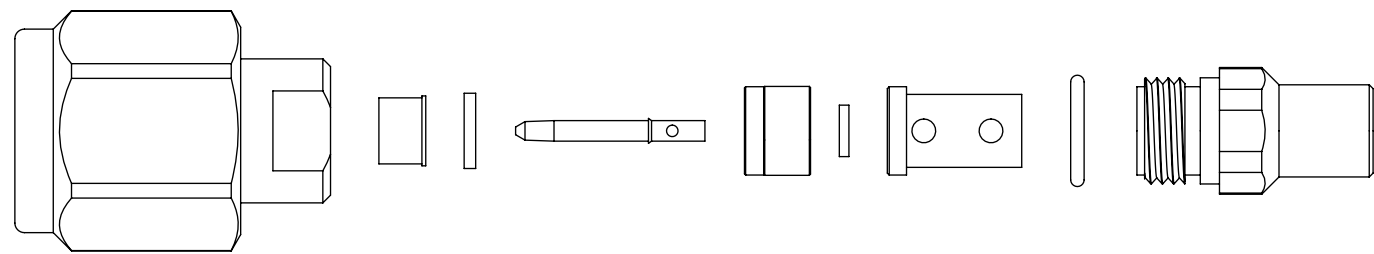
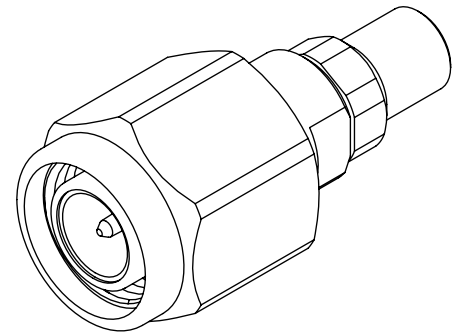
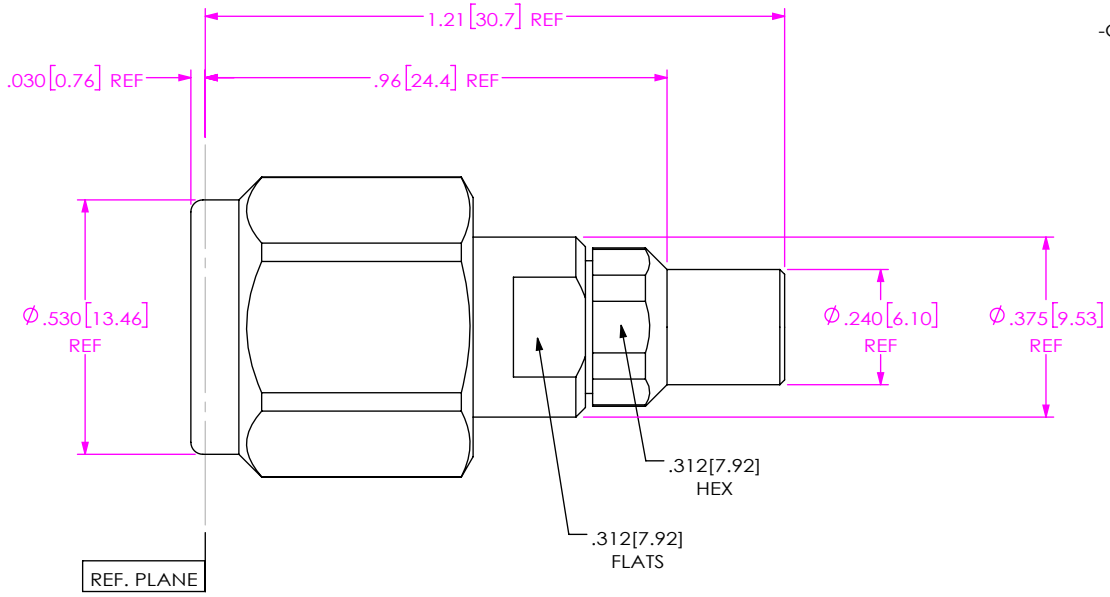
TYPE
-C: CABLE

FINISH
-EP: 50µ" EXTRA HEAVY GOLD CENTER CONTACT, PASSIVATED OUTER BODY

TERMINATION
-S: SOLDER CLAMP


ORIENTATION
-S: STRAIGHT

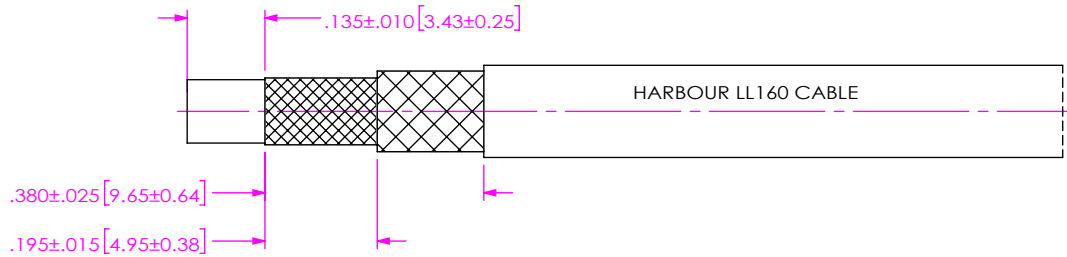
CABLE TYPE
-160A: HARBOUR LL160



EXPLODED VIEW
NOT TO SCALE
(FOR CLARITY ONLY)

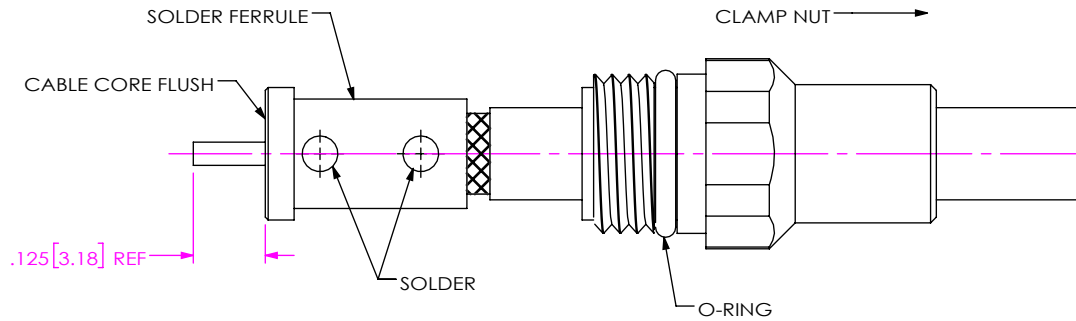
- NOTES:
- MATERIAL:
BODY, COUPLING NUT, CLAMP NUT & BUSHING: STAINLESS STEEL.
CONTACT & LOCK RING: BERYLLIUM COPPER.
GASKET & O-RING: SILICONE RUBBER.
INSULATOR: TEFLON.
SOLDER FERRULE: BRASS ALLOY.
BEADS: ULTEM 1000.
 - FINISH:
BODY, COUPLING NUT, CLAMP NUT & BUSHING: PASSIVATED.
CONTACT & SOLDER FERRULE: GOLD OVER NICKEL PLATE,
50 µ" MIN GOLD OVER 50 µ" MIN NICKEL.
 - PCI P/N: 4046.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS ANGLES .XX: ±.01 [0.3] 1° .XXX: ±.005 [0.13] .XXXX: ±.0005 [0.013]	* PROPRIETARY NOTE * THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.	 520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail: info@SAMTEC.com code 55322	
		DO NOT SCALE DRAWING SHEET SCALE: 2.5:1	DESCRIPTION: TNCA PLUG, SOLDER CLAMP FOR HARBOUR LL160 CABLE



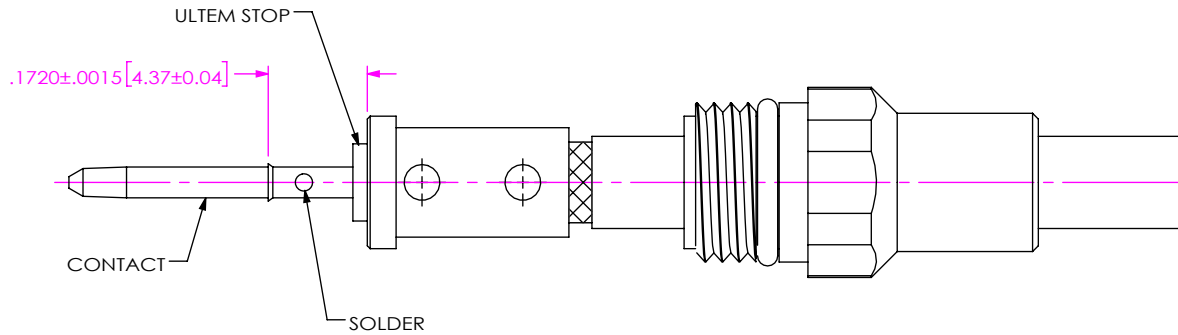
1. TRIM CABLE TO EXPOSE DIELECTRIC AND BRAIDS AS SHOWN.

IN-PROCESS 1



- 2A. INSTALL O-RING ONTO CLAMP NUT WHERE SHOWN AND SLIDE CLAMP NUT OVER CABLE IN ORIENTATION SHOWN.
- 2B. INSERT CABLE INTO SOLDER FERRULE UNTIL INNER BRAID SEATS. THEN SOLDER BRAIDS TO FERRULE WHERE SHOWN.
- 2C. TRIM CABLE DIELECTRIC FLUSH WITH FACE OF SOLDER FERRULE.

IN-PROCESS 2



- 3A. SLIDE ULTEM DIELECTRIC STOP OVER CABLE CENTER CONDUCTOR AGAINST SOLDER FERRULE AS SHOWN.
- 3B. SOLDER CONTACT FLUSH AGAINST STOP TO DIMENSION SHOWN.

IN-PROCESS 3

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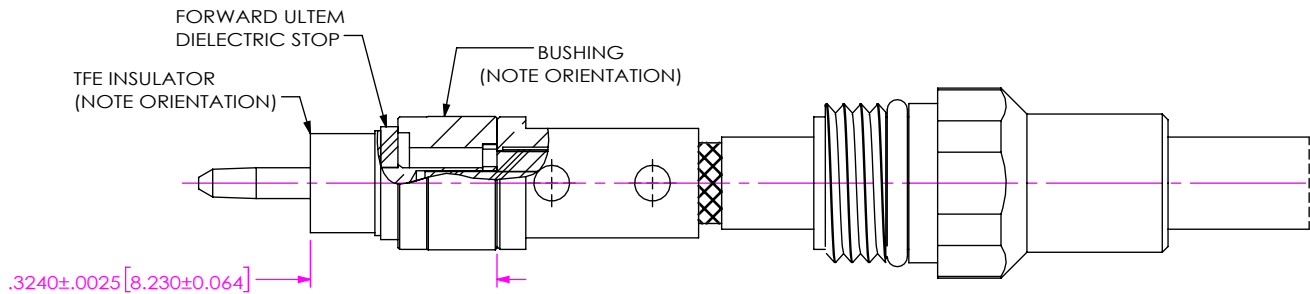
DO NOT SCALE DRAWING

SHEET SCALE: 3:1

DESCRIPTION: TNCA PLUG, SOLDER CLAMP FOR HARBOUR LL160 CABLE

DWG. NO. PRF04-P-C-EP-160A-SS

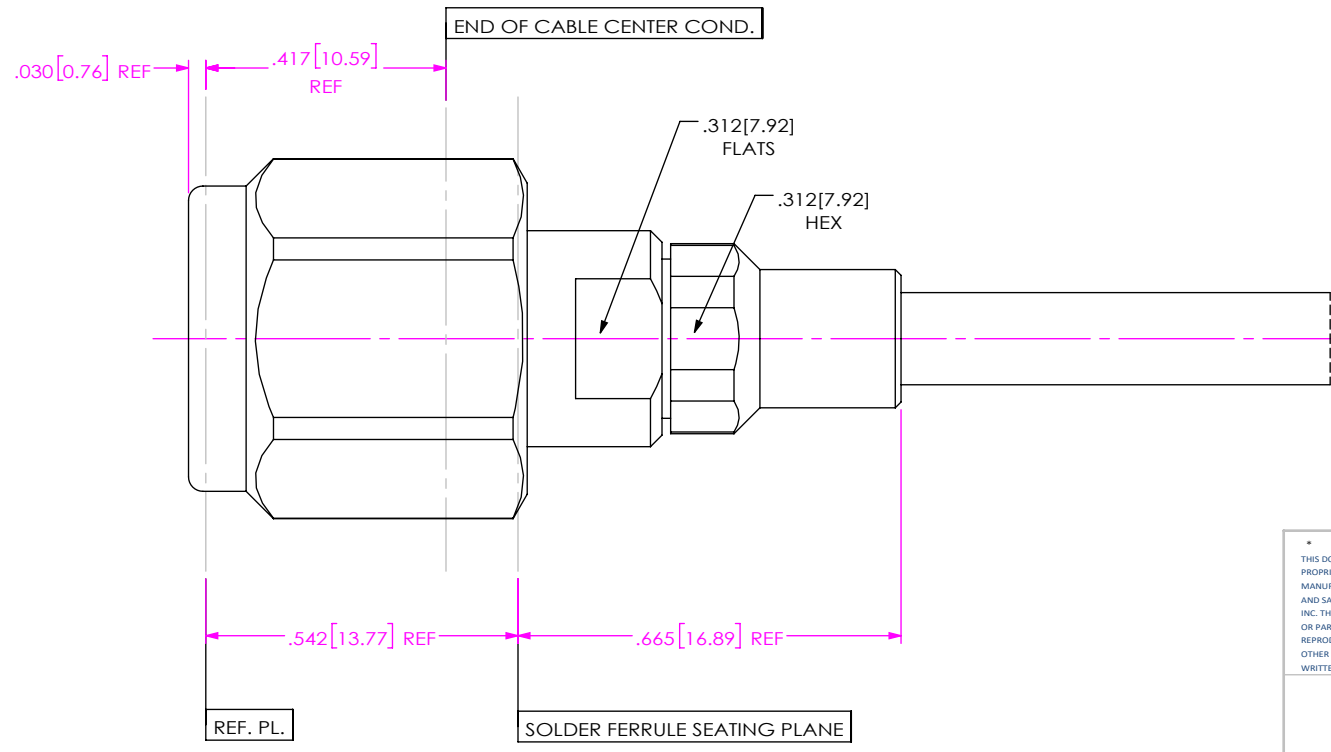
BY: EVE L 05/12/2021 SHEET 2 OF 3



4. SLIDE BUSHING, FORWARD ULTEM STOP & FORWARD TEFLON INSULATOR OVER CONTACT AS SHOWN.


(NOTE: ORIENT BUSHING WITH SMALLER DIAMETER C'BORE TOWARD SOLDER FERRULE. ORIENT FORWARD TFE INSULATOR WITH SHOULDER TOWARD STOP.)

IN-PROCESS 4



5. INSERT CABLE/CONTACT SUB-ASSEMBLY INTO CONNECTOR UNTIL SEATED AND TIGHTEN CLAMP NUT TO 35-45 IN-LBS.

IN-PROCESS 5

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