

DO NOT  
SCALE FROM  
THIS PRINT

DESIGNED & DIMENSIONED  
IN INCHES[MILLIMETERS]

PRF04-J-C-EP-142-BS

SERIES  
-04: TNCA

GENDER  
-J: JACK

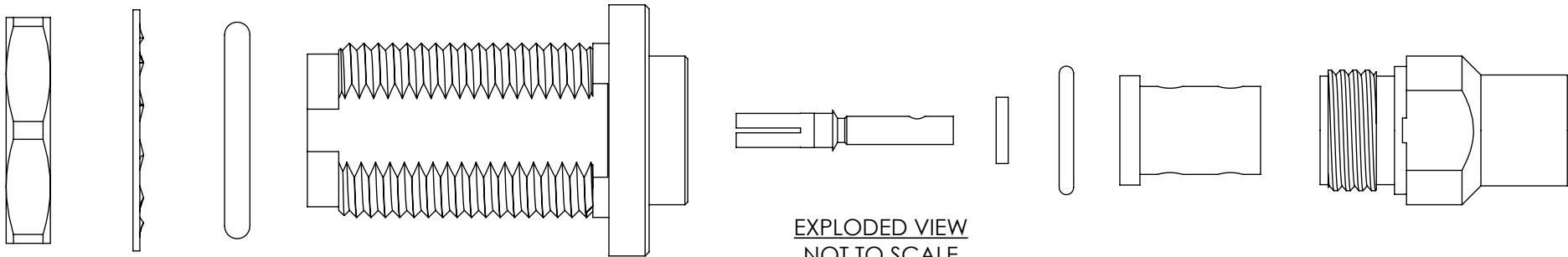
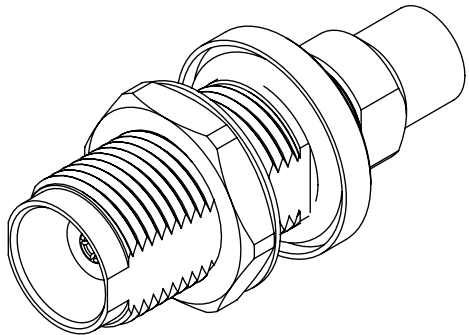
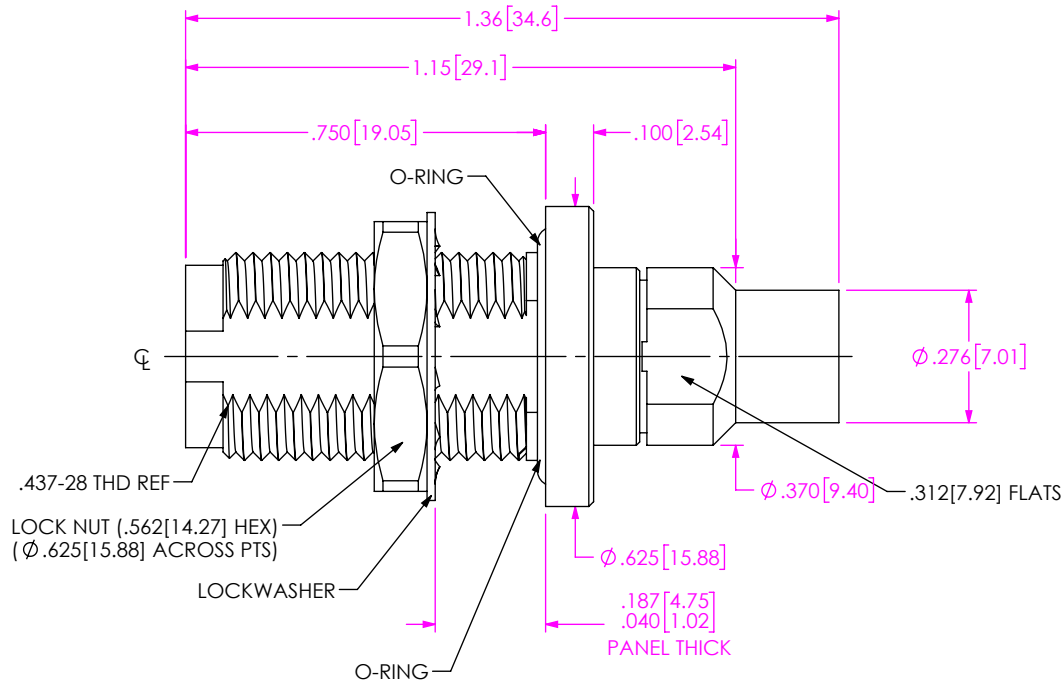
TYPE  
-C: CABLE

TERMINATION  
-S: SOLDER CLAMP

ORIENTATION  
-B: BULKHEAD


CABLE TYPE  
-142: HARBOUR LL142

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



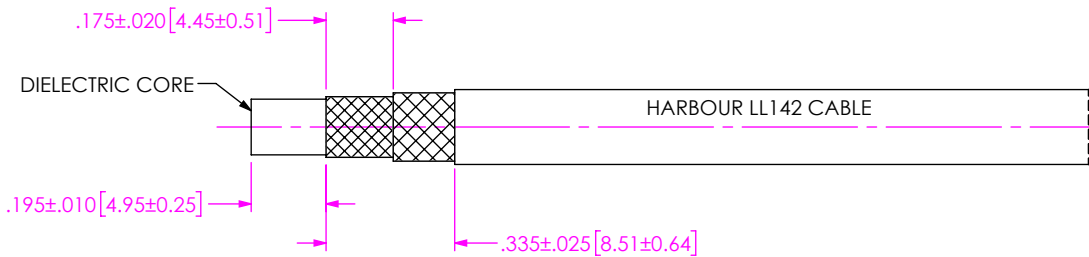
EXPLODED VIEW  
NOT TO SCALE  
(FOR CLARITY ONLY)

- NOTES:
1. MATERIAL:  
BODY, BUSHING, CLAMP NUT, LOCK WASHER, JAM NUT: STAINLESS STEEL  
CONTACT: BERYLLIUM COPPER  
SOLDER FERRULE: BRASS ALLOY  
INSULATOR: PTFE  
BEAD: PTFE  
O-RINGS: SILICONE RUBBER
2. FINISH:  
BODY, BUSHING, CLAMP NUT, LOCK WASHER, JAM NUT: PASSIVATED  
CONTACT, SOLDER FERRULE: 50μ" MIN. GOLD OVER 50μ" MIN. NICKEL PLATE
3. PCI P/N: 3281

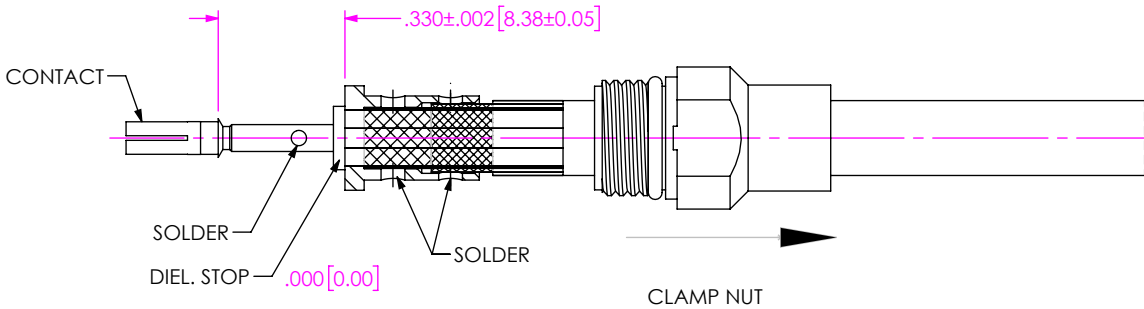
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS                      ANGLES .XX: ±.01 [0.3]                      1° .XXX: ±.005 [0.13] .XXXX: ±.0005 [0.013]	* PROPRIETARY NOTE * THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, 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 BULKHEAD JACK FOR HARBOUR LL142 CABLE	
		DWG. NO.      PRF04-J-C-EP-142-BS	
BY: EVE L      05/15/2019      SHEET 1 OF 2			

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

IN-PROCESS VIEW 1

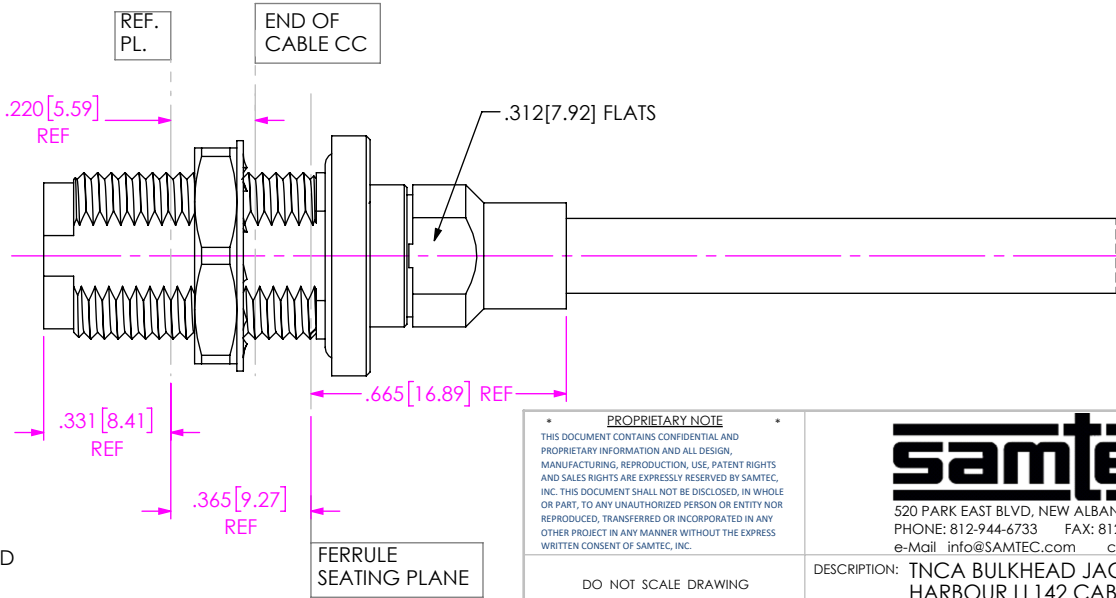


2A. SLIDE CLAMP NUT OVER CABLE AS SHOWN.  
2B. INSERT CABLE INTO FERRULE UNTIL INNER BRAID SEATS AND SOLDER TO FERRULE WHERE SHOWN.  
2C. TRIM DIELECTRIC CORE FLUSH WITH FACE OF SOLDER FERRULE.  
2D. SLIDE DIELECTRIC STOP ONTO CABLE CENTER CONDUCTOR AND SOLDER CONTACT FLUSH TO STOP TO DIMENSION SHOWN.



IN-PROCESS VIEW 2

DISTANCE FROM END OF CABLE CENTER COND. TO REF. PL. IS .220 REF



3A. INSERT CABLE/ CONTACT SUB-ASSEMBLY INTO CONNECTOR UNTIL SEATED AND TIGHTEN CLAMP NUT TO 25-35 IN-LBS.

IN-PROCESS VIEW 3

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SHEET SCALE: 2:1

**samtec**

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