

DO NOT
SCALE FROM
THIS PRINT

DESIGNED & DIMENSIONED
IN INCHES[MILLIMETERS]

PRF01-J-C-EP-190-SS

SERIES
-01: SMA

GENDER
-J: JACK

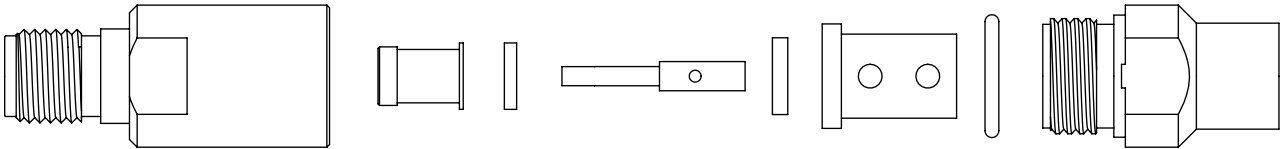
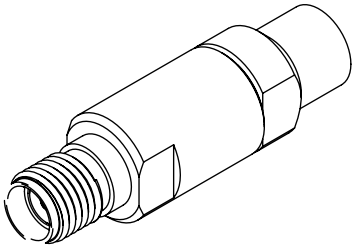
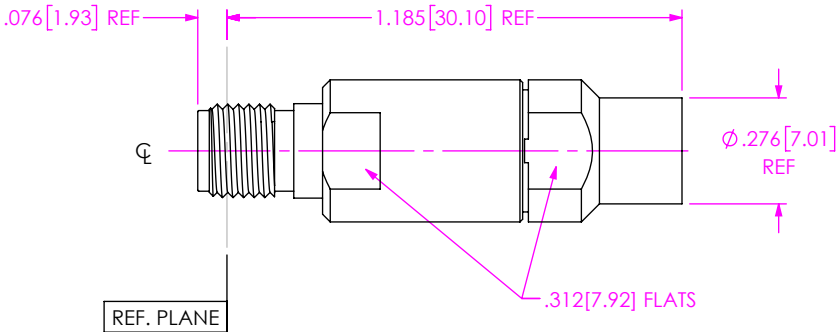
TYPE
-C: CABLE

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

TERMINATION
-S: SOLDER CLAMP

ORIENTATION
-S: STRAIGHT

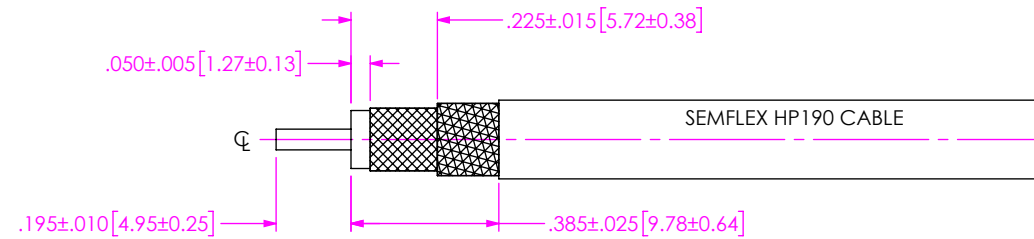
CABLE TYPE
-190: SEMFLEX HP190



EXPLODED VIEW
NOT TO SCALE
(FOR CLARITY ONLY)

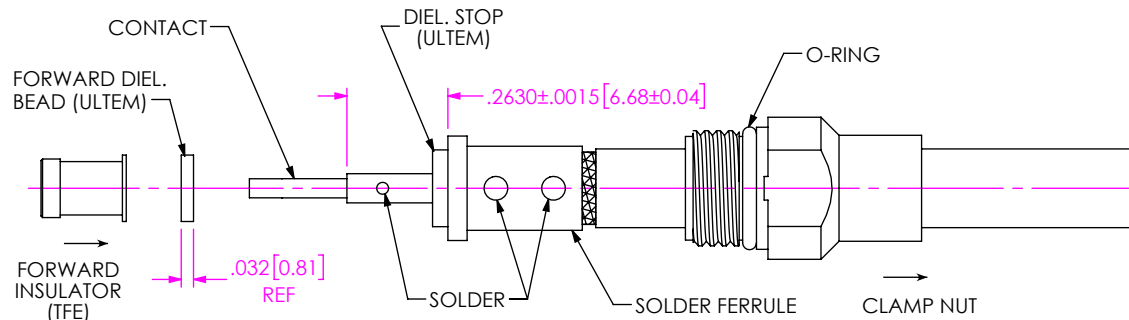
- NOTES:
- MATERIAL:
BODY & CLAMP NUT: STAINLESS STEEL.
SOCKET: BERYLLIUM COPPER.
SOLDER FERRULE: BRASS.
O-RING: SILICONE RUBBER.
INSULATORS: PTFE.
DIELECTRIC BEADS: ULTEM 1000.
 - FINISH:
BODY & CLAMP NUT: PASSIVATED.
SOCKET & SOLDER FERRULE: GOLD OVER NICKEL PLATE,
50 μIN MIN GOLD OVER 50 μIN MIN NICKEL.
 - PCI P/N: 3295.

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.	
DO NOT SCALE DRAWING		SHEET SCALE: 2:1	
DESCRIPTION:		SMA JACK, SOLDER CLAMP FOR SEMFLEX HP190 CABLE	
DWG. NO.		PRF01-J-C-EP-190-SS	
BY: SAMUEL C		08/10/2020 SHEET 1 OF 2	



1. TRIM CABLE AS SHOWN.

IN-PROCESS 1



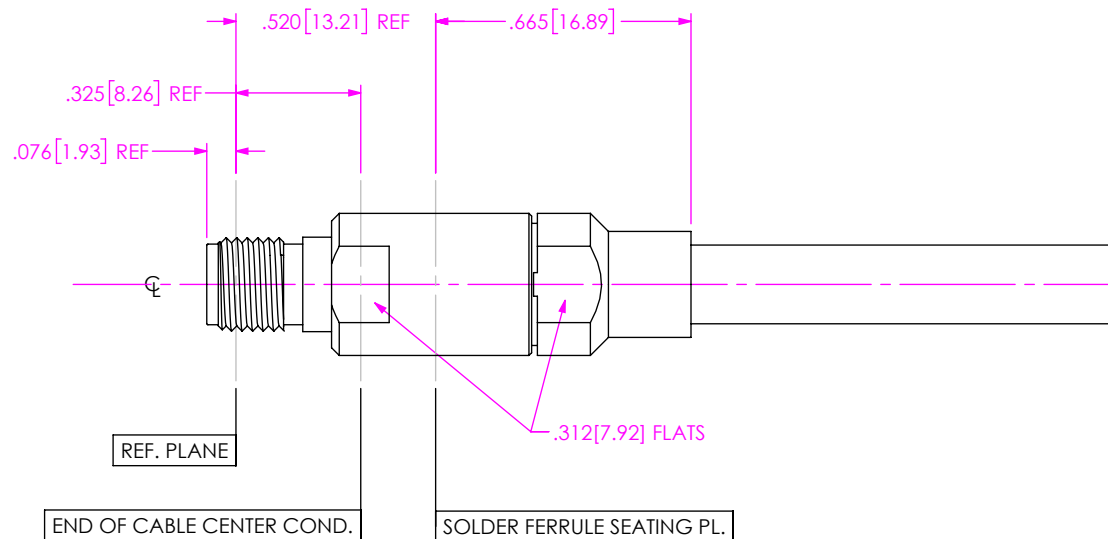
2A. SLIDE CLAMP NUT OVER CABLE AS SHOWN.

2B. SOLDER CABLE TO SOLDER FERRULE WITH DIELECTRIC FLUSH WITH FACE OF FERRULE.

2C. SLIDE DIELECTRIC STOP ($.200$ [5.08] OD) OVER CABLE CENTER CONDUCTOR AND SOLDER CONTACT FLUSH TO STOP TO DIMENSION SHOWN.

2D. SLIDE FORWARD INSULATOR & DIELECTRIC BEAD ($.173$ [4.39] OD) ONTO CONTACT.

IN-PROCESS 2



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

IN-PROCESS 3

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DESCRIPTION: SMA JACK, SOLDER CLAMP FOR SEMFLEX HP190 CABLE

DWG. NO. PRF01-J-C-EP-190-SS

BY: SAMUEL C 08/10/2020 SHEET 2 OF 2