

DESIGNED AND DIMENSIONED IN MILLIMETERS[INCHES]  
ALL DIMENSIONS REFERENCE EXCEPT AS SHOWN

DO NOT  
SCALE FROM  
THIS PRINT

**THIS PRODUCT MANUFACTURED  
WITH LEAD-FREE PROCESSING**

BE70C-X-XXXX-X-XX-XXXX

TRANSMISSION TYPE

- M: MICROSTRIP
- S: STRIPLINE

END 2 CONNECTOR  
(SEE TABLE 2)

PHASE MATCHING SPEC (RANGE)

- 2: 2 PICO-SECOND
- 5: 5 PICO-SECONDS
- N: NO PHASE MATCHING

OVERALL ASSEMBLY LENGTH (OAL)  
XXXX (MILLIMETERS)  
(0152 MIN)  
(SEE NOTE 5)

No. OF PHASE MATCHED CABLES

- 01: (1 CABLE FOR THIS PART NUMBER)
- ▣-02: (2 CABLES FOR THIS PART NUMBER)
- ▣-04: (4 CABLES FOR THIS PART NUMBER)
- ▣-06: (6 CABLES FOR THIS PART NUMBER)
- ▣-08: (8 CABLES FOR THIS PART NUMBER)

(□= ONLY AVAILABLE WITH -N OPTION)  
(▣= NOT AVAILABLE WITH -N OPTION)

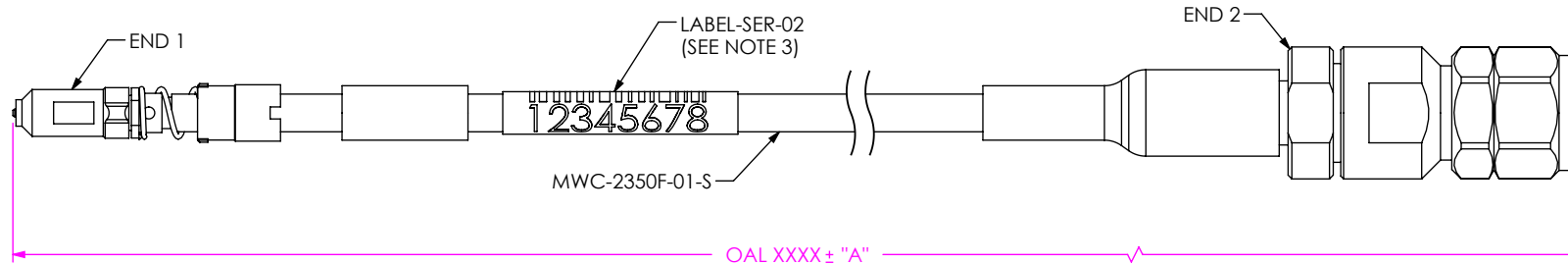


FIG 1  
BE70C-S-18SP-X-02-XXXX SHOWN  
(PROTECTIVE CAPS NOT SHOWN FOR CLARITY)

TABLE 1

OVERALL LENGTH	"A"
0152-0200 [5.98-7.87]	+3.0 [.12] / -0.0 [.00]
0201-0500 [7.91-19.69]	+5.0 [.20] / -0.0 [.00]
0501-9999 [19.72-39.37]	+10.0 [.39] / -0.0 [.00]

TABLE 2

END OPTION	SERIES	GENDER	FINISH			SUBTRACTOR "B"	CONNECTOR KIT P/N	FIGURE
			CENTER CONTACT	OUTER CONTACT	CABLE BODY			
-18SP	1.85 MM	PLUG	50µ" GOLD	PASSIVATED	PASSIVATED	8.80 [.346]	PRF18-P-C-EP-086-SS	SHT 3, FIG 4
-18SJ	1.85 MM	JACK	50µ" GOLD	PASSIVATED	PASSIVATED	9.70 [.382]	PRF18-J-C-EP-086-SS	SHT 3, FIG 5

NOTES:

1. CONNECTORS TO BE ORIENTED ACCORDING TO CO-RF-WI-3048-M.
2. CABLE ASSEMBLY TO HAVE PROTECTIVE CAP ASSEMBLED ON EACH END AND TO BE INDIVIDUALLY PACKAGED IN ESD BAG.
3. ASSEMBLY TO BE 100% TESTED FOR RETURN LOSS AND INSERTION LOSS, LABEL EACH INDIVIDUAL CABLE ASSEMBLY WITH 1 LABEL-SER-02. RETURN LOSS SPECIFICATION IS EQUAL TO THE HIGHEST END OPTION LIMIT.
4. PARTS TO BE PHASE MATCHED PER CO-HD-WI-3062-M.
5. CABLE LENGTHS LONGER THAN 1000 MILLIMETERS ARE NOT SUPPORTED BY S.I. DATA.
6. NOTE DELETED.

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MATERIAL: DO NOT SCALE DRAWING  
CENTER CONTACTS: COPPER ALLOY SHEET SCALE: 2:1  
OUT CONTACTS:  
-END 1: BRASS ALLOY  
-18SP/-18SJ: STAINLESS STEEL  
INSULATORS:  
-END 1: VIRGIN PTFE FLUOROCARBON  
-18SP/-18SJ: ULTEM

DESCRIPTION:  
GEN 3 BULLSEYE PROBE CABLE ASSEMBLY  
DWG. NO.  
BE70C-X-XXXX-X-XX-XXXX  
BY: SAMUEL C 12/31/2019 SHEET 1 OF 3

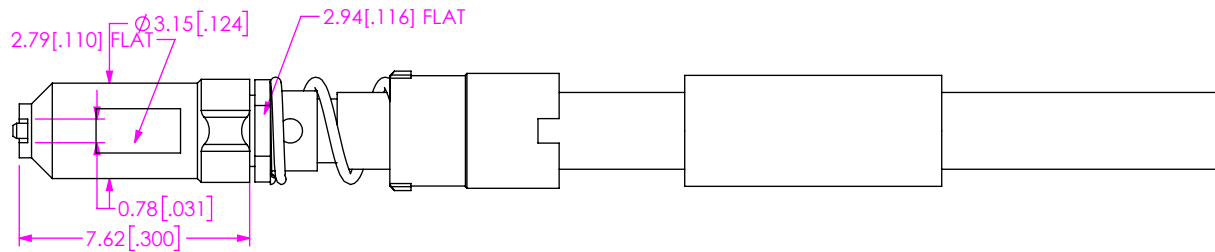


FIG 2  
 -END T SHOWN  
 (FOR -M TRANSMISSION TYPE)  
 (PROTECTIVE CAP NOT SHOWN FOR CLARITY)

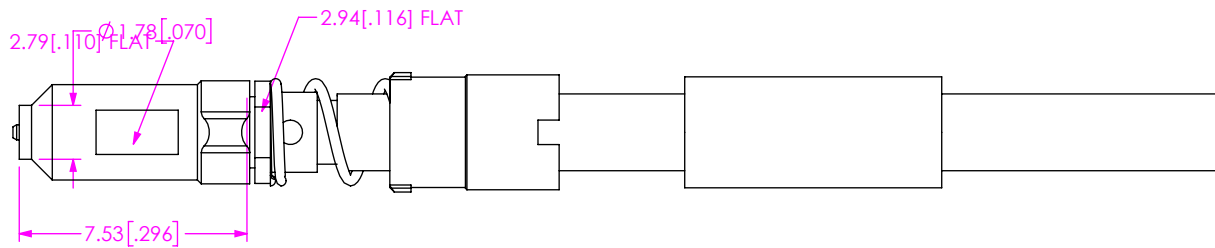


FIG 3  
 -END T SHOWN  
 (FOR -S TRANSMISSION TYPE)  
 (PROTECTIVE CAP NOT SHOWN FOR CLARITY)

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SHEET SCALE: 4:1  
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DESCRIPTION:  
 GEN 3 BULLSEYE PROBE CABLE ASSEMBLY

DWG. NO.  
 BE70C-X-XXXX-X-XX-XXXX

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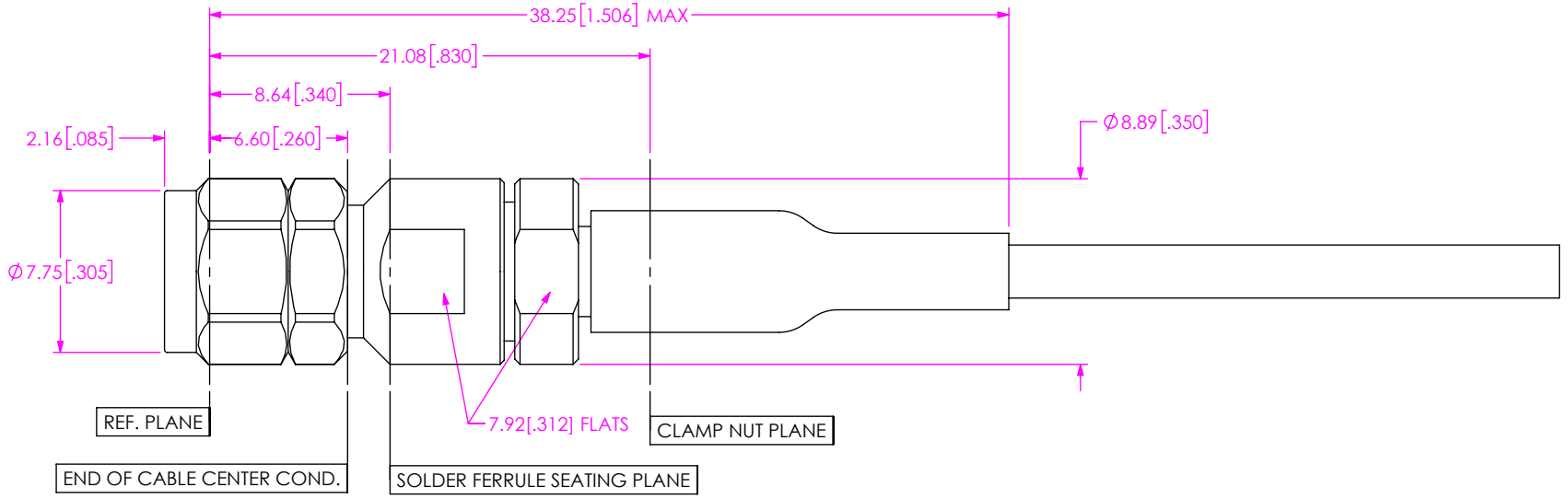


FIG 4  
-18SP SHOWN  
(PROTECTIVE CAP NOT SHOWN FOR CLARITY)

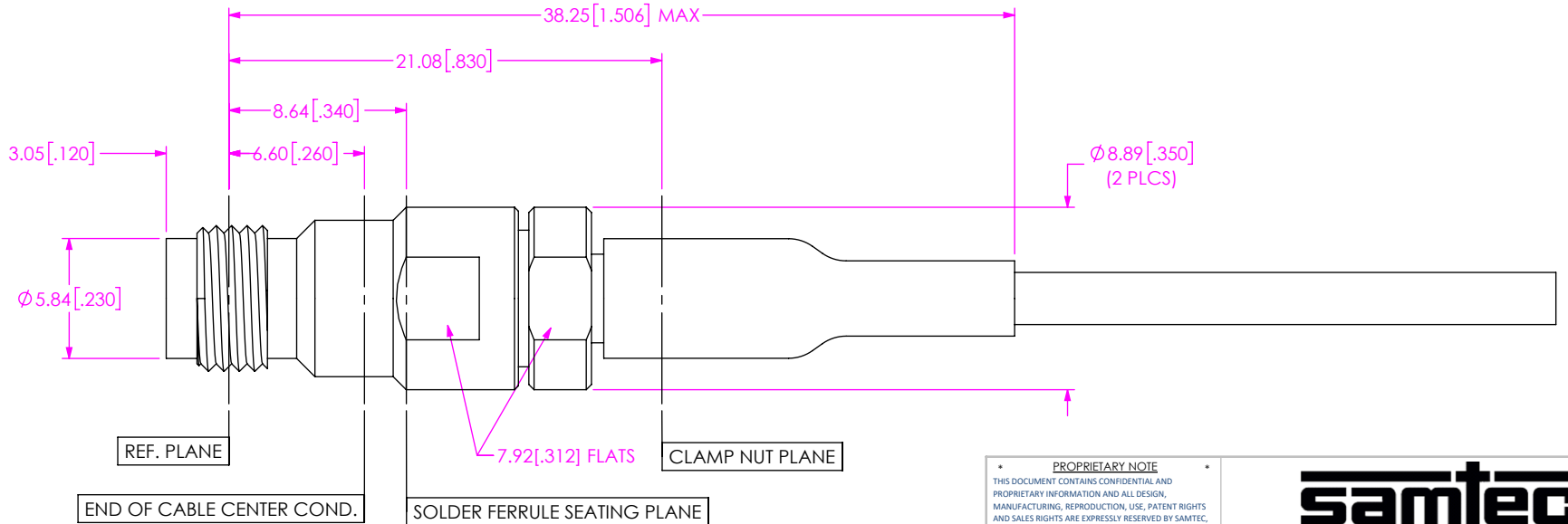


FIG 5  
-18SJ SHOWN  
(PROTECTIVE CAP NOT SHOWN FOR CLARITY)

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DESCRIPTION:  
GEN 3 BULLSEYE PROBE CABLE ASSEMBLY

DWG. NO.  
BE70C-X-XXXX-X-XX-XXXX

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