

DO NOT
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THIS PRINT

CABLE CALLOUT

047A: TEMP-FLEX 1000671047 CABLE

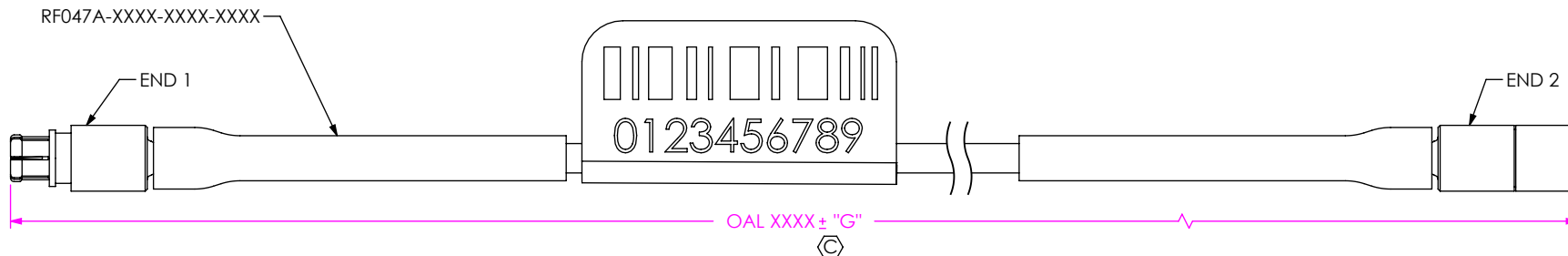
OVERALL ASSEMBLY LENGTH (OAL)
XXXX (MILLIMETERS)
(0152 MIN)END 1 CONNECTOR
(SEE TABLE 1)END 2 CONNECTOR
(SEE TABLE 1)FIG 1
RF047A-M0SJ-M0SP-XXXX SHOWN
(PROTECTIVE CAPS NOT SHOWN FOR CLARITY)

TABLE 1

OVERALL LENGTH	"G"
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	CONFIGURATION	FINISH			FIGURE
				CENTER CONTACT	OUTER CONTACTS	CABLE BODY	
-M0SP	SMPM	PLUG	FULL DETENT STRAIGHT	30μ" GOLD	10μ" GOLD	3μ" GOLD	SHT 2, FIG 2
-M0SJ	SMPM	JACK	STRAIGHT	30μ" GOLD	10μ" GOLD	3μ" GOLD	SHT 2, FIG 3
*-92SP	2.92 MM	PLUG	STRAIGHT	50μ" GOLD	PASSIVATED	PASSIVATED	SHT 2, FIG 4
*-92SJ	2.92 MM	JACK	STRAIGHT	50μ" GOLD	PASSIVATED	PASSIVATED	SHT 2, FIG 5
*-18SP	1.85 MM	PLUG	STRAIGHT	50μ" GOLD	PASSIVATED	PASSIVATED	SHT 3, FIG 6
*-18SJ	1.85 MM	JACK	STRAIGHT	50μ" GOLD	PASSIVATED	PASSIVATED	SHT 3, FIG 7

* = NOT RELEASED

TABLE 3

END OPTION	HI POT		MAXIMUM RETURN LOSS	MAXIMUM VSWR	FREQUENCY	PROTECTIVE CAP COLOR
	"DC"	"AC"				
-M0SP	520	520	15.56 dB	1.40:1	DC TO 40 GHz	GRAY
-M0SJ	520	520	15.56 dB	1.40:1	DC TO 40 GHz	GRAY
*-92SP	520	520	16.45 dB	1.35:1	DC TO 40 GHz	YELLOW
*-92SJ	520	520	16.45 dB	1.35:1	DC TO 40 GHz	YELLOW
*-18SP	520	520	16.45 dB	1.35:1	DC TO 65 GHz	BLUE
*-18SJ	520	520	16.45 dB	1.35:1	DC TO 65 GHz	BLUE

* = NOT RELEASED

NOTES:

- ① REPRESENTS A CRITICAL DIMENSION
- ASSEMBLY TO BE 100% TESTED FOR OPENS, SHORTS & HI-POT TESTED (PER TABLE 3, AC OR DC), THE HI-POT VOLTAGE FOR THE ASSEMBLY SHOULD BE SET TO THE END OPTION WITH THE LOWEST TEST VOLTAGE RATING.
- CONNECTORS TO BE ORIENTED ACCORDING TO CO-RF-WI-3048-M.
- CABLE ASSEMBLY TO HAVE PROTECTIVE CAPS ASSEMBLED ON EACH END AND INDIVIDUALLY PACKAGED IN ESD BAG.
- 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.
- CABLE LENGTHS LONGER THAN 1000 MILLIMETERS ARE NOT SUPPORTED BY S.I. TEST DATA.

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UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN
MILLIMETERS [INCHES].

TOLERANCES ARE:

DECIMALS ANGLES
.X: ±0.3 [.01] 5°
.XX: ±0.13 [.005]
.XXX: ±0.051 [.0020]

* PROPRIETARY NOTE *

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MATERIAL: DO NOT SCALE DRAWING

SHEET SCALE: 3:1

M0SP, M0SJ: SHELL, SOCKET, BUSHING & CABLE BODY: COPPER ALLOY
INSULATOR: VIRGIN PIPE FLOURCARBIN92SP, 92SJ, 18SP, 18SJ: CONTACT, C-RING: COPPER ALLOY
INSULATORS: ULTEM 1000 SOLDER FERRULE: BRASS
BODY, CLAMP NUT, COUPLING NUT, BUSHING: STAINLESS STEEL
GASKET & O-RING: SILICONE RUBBER520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

DESCRIPTION:

RF047A CABLE ASSEMBLY

DWG. NO.

RF047A-XXXX-XXXX-XXXX

BY: SHERRY W

2/5/2018

SHEET 1 OF 3

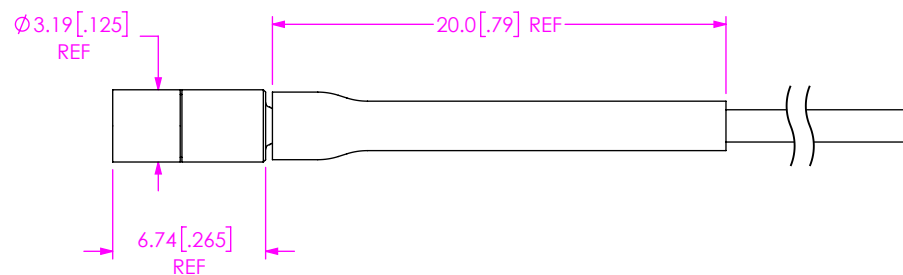


FIG 2
-M0SP SHOWN

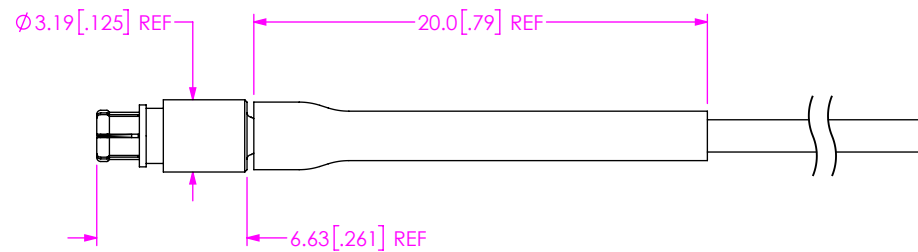


FIG 3
-M0SJ SHOWN

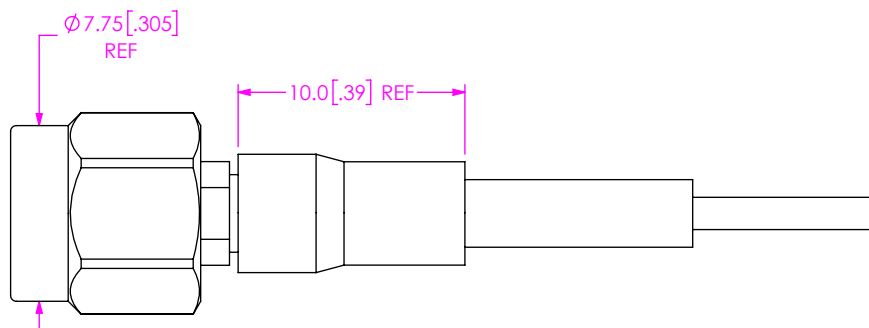


FIG 4
-92SP SHOWN

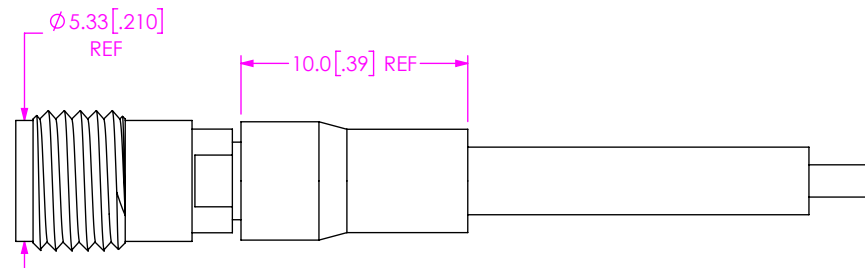


FIG 5
-92SJ SHOWN

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SHEET SCALE: 3:1

samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION: RF047A CABLE ASSEMBLY

DWG. NO.
RF047A-XXXX-XXXX-XXXX

BY: SHERRY W 2/5/2018 SHEET 2 OF 3

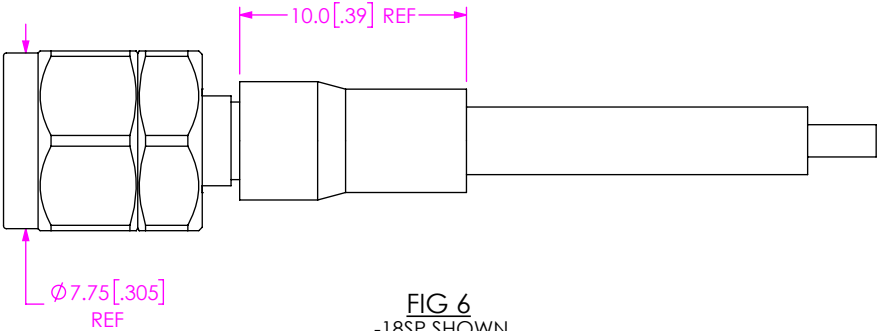


FIG 6
-18SP SHOWN

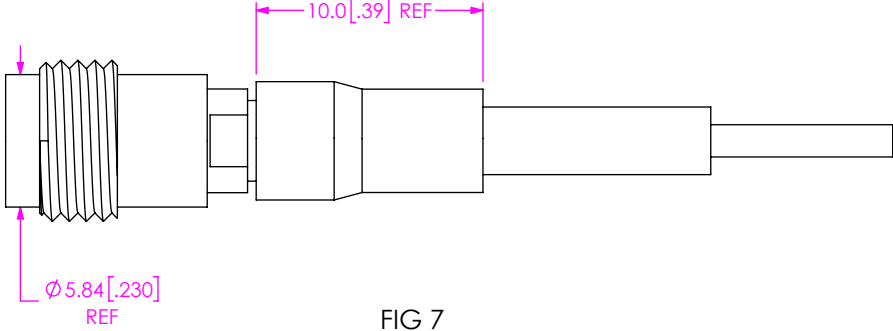


FIG 7
-18SJ SHOWN

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SHEET SCALE: 3:1	DESCRIPTION: RF047A CABLE ASSEMBLY
	DWG. NO. RF047A-XXXX-XXXX-XXXX
	BY:SHERRY W 2/5/2018 SHEET 3 OF 3

SHEET SCALE: 3:1