REVISION L

DESIGNED & DIMENSIONED IN MILLIMETERS[INCHES]

THIS PRODUCT MANUFACTURED WITH LEAD-FREE PROCESSING

DO NOT SCALE FROM THIS PRINT

FCF8-XX-XX-X-XX.XX-S-X

No OF POSITIONS
*-05, -10, *-15, -20
*-25, -30, *-35, *-40

LEAD STYLE
-01: 38 AWG COAX
*-02: 34 AWG TWINAX
*-03: 32 AWG POWER

* = NOT TOOLED

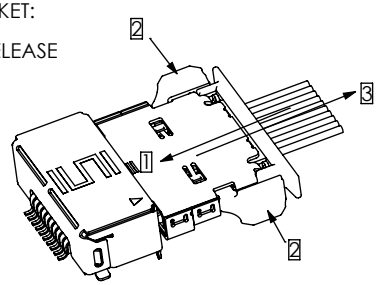
WIRING OPTION
-1: 1 TO 1 (SEE FIG. 2)
(LEAVE BLANK FOR 1 TO N)

ROW SPECIFICATION
-S: SINGLE ROW

CABLE LENGTH (IN INCHES)
-XX.XX: 03.00"[76.2] MIN
(SEE NOTE 6)

PLATING SPECIFICATION
-L: 10µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

TO DISENGAGE CABLE FROM SOCKET:
FIRST, FULLY SEAT CONNECTOR
SECOND, FULLY DEPRESS LATCH RELEASE
THIRD, PULL STRAIGHT BACK WITH LATCH RELEASE DEPRESSED



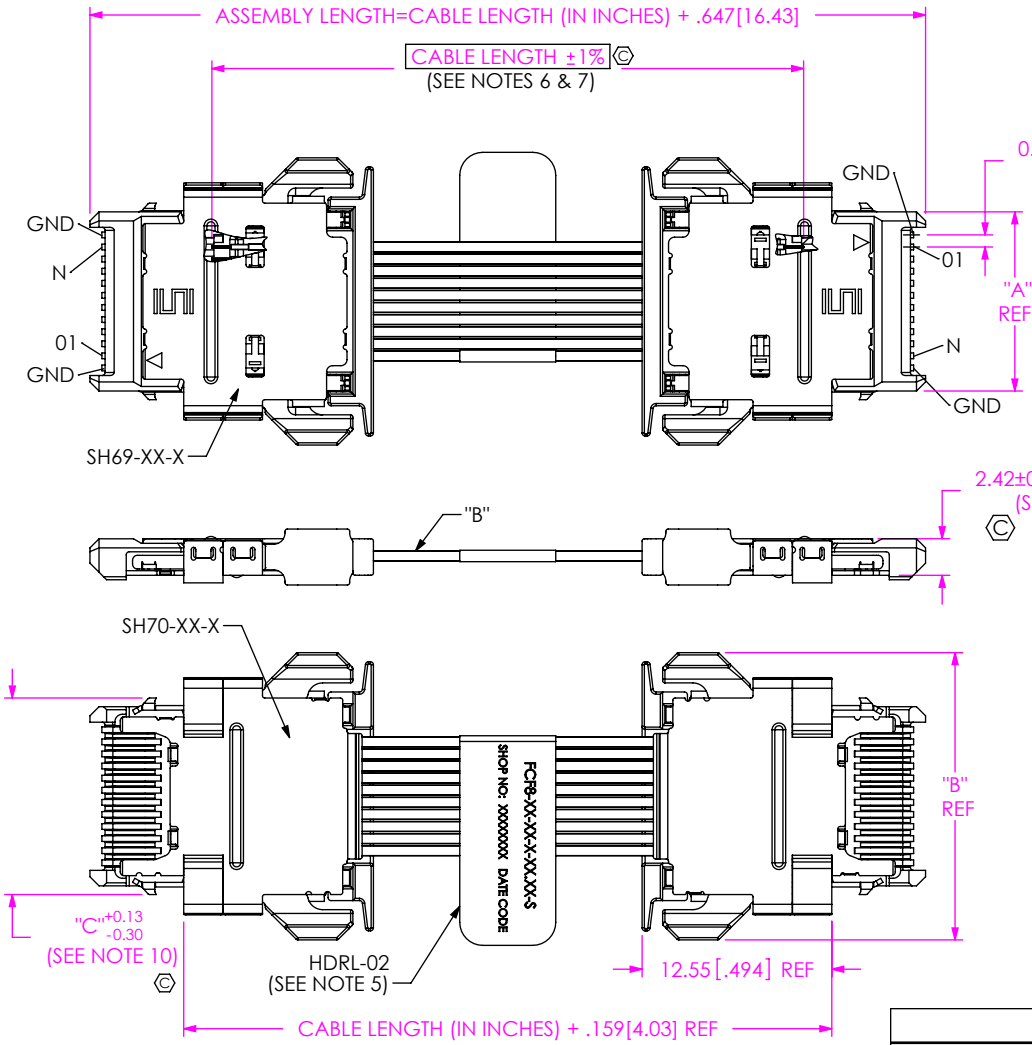


FIG 1
FCF8-10-01-X-XX.XX-S SHOWN

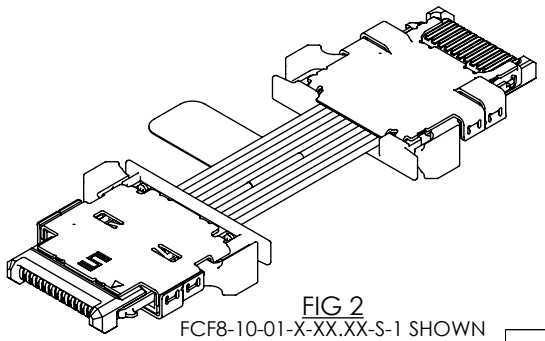


FIG 2
FCF8-10-01-X-XX.XX-S-1 SHOWN

TABLE 3	
No OF POSITIONS	"N" POSITION
*-05	05
-10	10
*-15	15
-20	20
*-25	25
-30	30
*-35	35
*-40	40

* NOT TOOLED

TABLE 4		
SIGNAL MAPPING		
FCF8-XX-XX-X-XX.XX-S WIRING OPTION		
J1	NAME	J2
1	SIG	N
2	SIG	N-1
…	SIG	…
N-1	SIG	2
N	SIG	1
FCF8-XX-XX-X-XX.XX-S-1 WIRING OPTION		
J1	NAME	J2
1	SIG	1
2	SIG	2
…	SIG	…
N-1	SIG	N-1
N	SIG	N

TABLE 1			
POSITION	"A"	"B"	"C"
*-05	7.85	15.00	9.00
-10	11.85	19.00	13.00
*-15	15.85	23.00	17.00
-20	19.85	27.00	21.00
*-25	23.85	31.00	25.00
-30	27.85	35.00	29.00
*-35	31.85	39.00	33.00
*-40	35.85	43.00	37.00

* NOT TOOLED

TABLE 2			
LEAD STYLE	"B"	AWG	TYPE
-01	TCF-3850-XX-01-TB-0315	38	COAX
*-02	GBTX-34100-01	34	TWINAX
*-03	CCS-158266-01-CC	32	POWER

* NOT TOOLED

NOTES:

1. C REPRESENTS A CRITICAL DIMENSION.
2. C ALL ASSEMBLIES TO BE 100% ELECTRICALLY TESTED FOR SHORTS & OPENS.
3. C ALL ASSEMBLIES TO BE 100% HI-POT TESTED AT 300V.
4. FOR SUB-ASSEMBLY AND FINISHED GOOD PACKAGING REQUIREMENTS, REFERENCE PACKAGING STANDARD CO-HD-WI-3033-M.
5. LABEL TO BE CENTERED ON CABLE ASSEMBLY AS SHOWN. LABEL TO CONTAIN: PART NUMBER, SHOP ORDER, & DATE CODE.
6. CABLE LENGTH GREATER THAN 40"[1016mm] IS A VALID PART NUMBER, BUT NOT SUPPORTED BY S.I. TEST DATA.
7. CABLES LESS THAN 5" [127.0mm] HAVE A LENGTH TOLERANCE OF +/-.050"[1.27mm].
8. DEFAULT SIGNAL MAPPING IS PIN 01 TO PIN N. OUTER GND POSITIONS ARE CONNECTED TO CONNECTOR SHELL AND WHEN APPLICABLE TO COAX AND TWINAX SHIELD. FOR PIN 01 TO PIN 01 SIGNAL MAPPING, SELECT WIRING OPTION -1.
9. NOTE DELETED.
10. C ACTUATE LATCHES TO ENSURE THEY WILL DEFLECT FLUSH WITH PLASTIC AND RETURN TO DIM "C" POSITION.
11. C SOLDER THESE 3 LOCATIONS AFTER SHIELD HAS BEEN FULLY SEATED.
12. MEASURE ACROSS SHIELDS AT A POINT CLOSEST TO THE END OF THE CABLE.

F:\DWG\MISC\MKTG\FCF8-XX-XX-X-XX.XX-S-X-MKT.SLDDRW

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS.
TOLERANCES ARE:
DECIMALS
X.X: ±0.3 [.01]
X.XX: ±0.13 [.005]
X.XXX: ±0.051 [.0020]
ANGLES
2 °

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1
OVERMOLD: LCP
TERMINAL: PHOS BRONZE
SHIELD: PHOS BRONZE

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

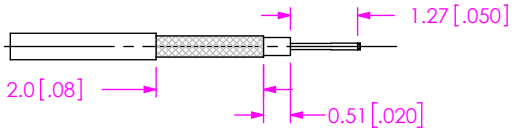
DESCRIPTION: FCF8 CABLE ASSEMBLY

DWG. NO. FCF8-XX-XX-X-XX.XX-S-X

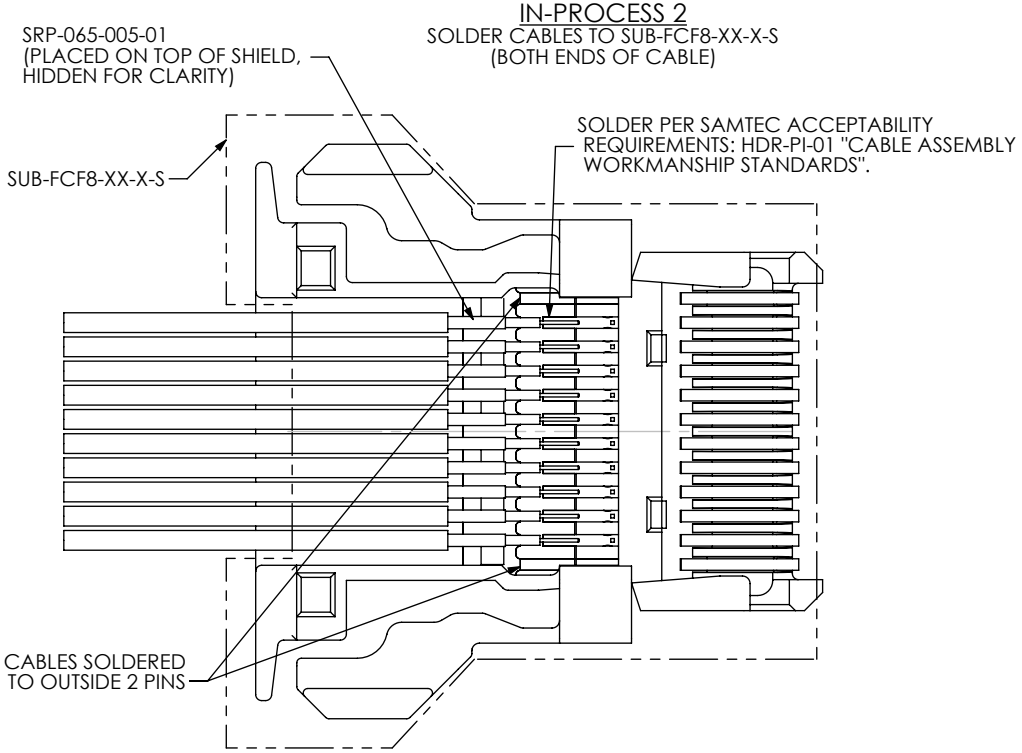
BY: D.SCHMELZ 8/18/2011 SHEET 1 OF 2

REVISION L

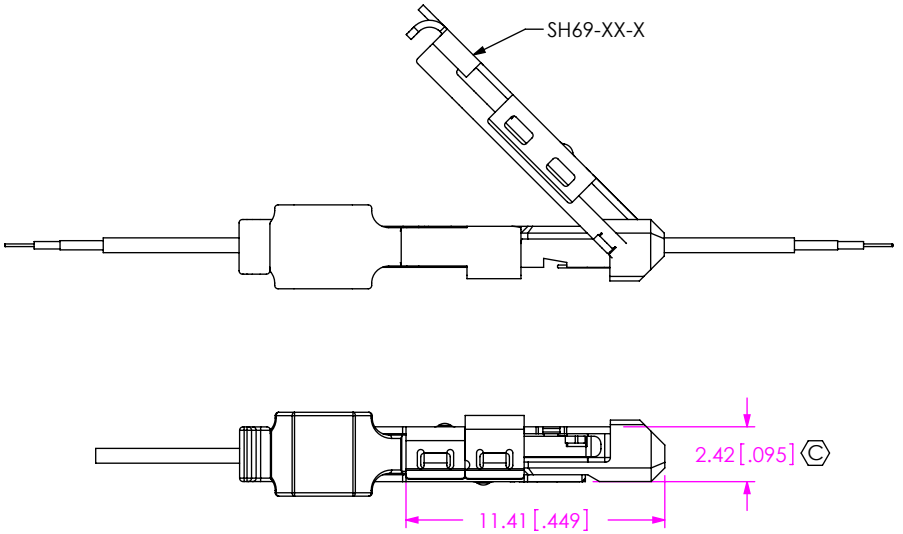
IN-PROCESS 1
CUT & PREP CABLES



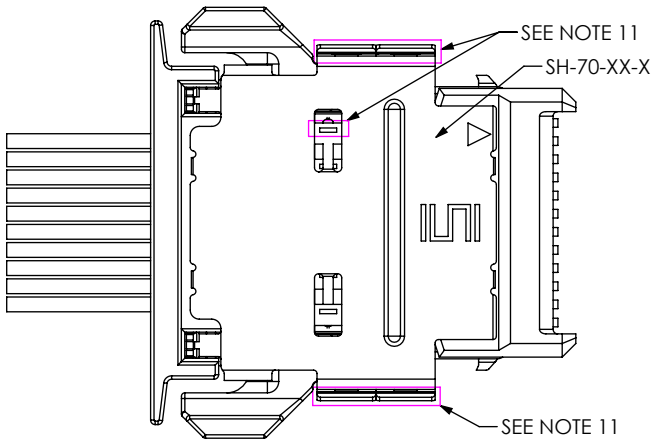
IN-PROCESS 2
SOLDER CABLES TO SUB-FCF8-XX-X-S
(BOTH ENDS OF CABLE)



IN-PROCESS 3
ADD SH69-XX-X AS SHOWN THEN SH70-XX-X, HAND SEATED
(BOTH ENDS OF CABLE)



IN-PROCESS 4
ADD SH70-XX-X, SEAT WITH PRESS



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DO NOT SCALE DRAWING

SHEET SCALE: 3:1

F:\DWG\MISC\MKTG\FCF8-XX-XX-X-XX.XX-S-X-MKT.SLDDRW

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: FCF8 CABLE ASSEMBLY

DWG. NO. FCF8-XX-XX-X-XX.XX-S-X

BY: D.SCHMELZ 8/18/2011 SHEET 2 OF 2