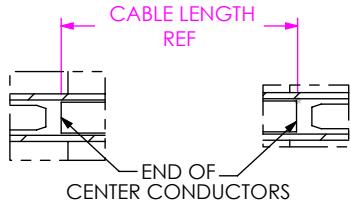
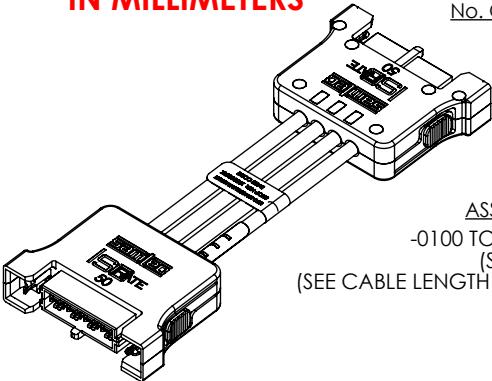


DESIGNED & DIMENSIONED
IN MILLIMETERSDO NOT
SCALE FROM
THIS PRINTTHIS PRODUCT MANUFACTURED
WITH LEAD-FREE PROCESSINGDETAIL 'A'
SCALE 8 : 1DETAIL 'B'
SCALE 8 : 1

No. OF POSITIONS PER ROW

- 01: 1 POSITION
- 02: 2 POSITIONS
- 04: 4 POSITIONS
- 06: 6 POSITIONS
- 08: 8 POSITIONS

IJ5C-XX-XXXX-X-X-XXX-X-XX

OPTIONS

CABLE TYPE

- 1: CTB-2650F-01
(0100 MM - 9999 MM)
- 2: CCA-316
(0100 MM - 9999 MM)

SECOND END ORIENTATION

- NUS: NOTCH UP STRAIGHT
(P1 to P1; ONLY VALID
W/DOUBLE ENDS)
- NDS: NOTCH DOWN STRAIGHT
(P1 to P4; ONLY VALID
W/DOUBLE ENDS)

END OPTIONS

- S: SINGLE ENDED
- D: DOUBLE ENDED

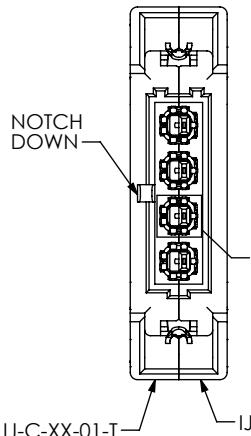
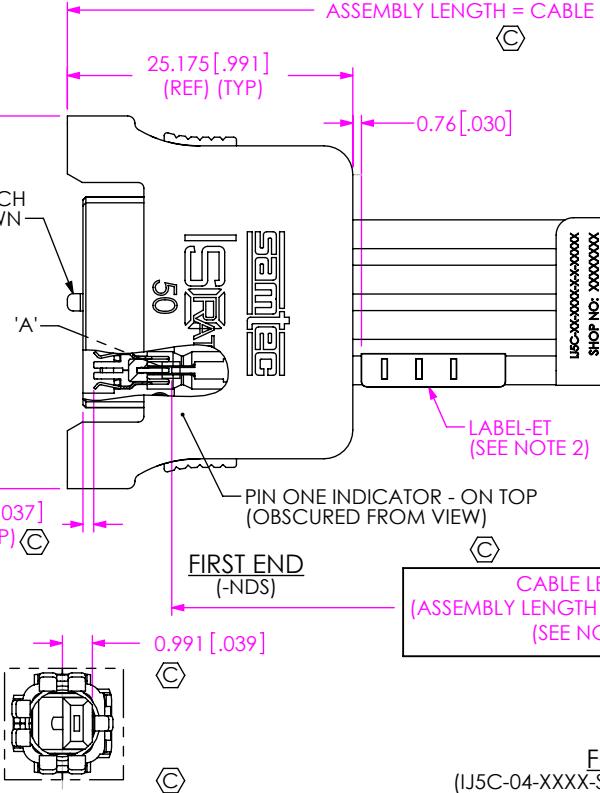
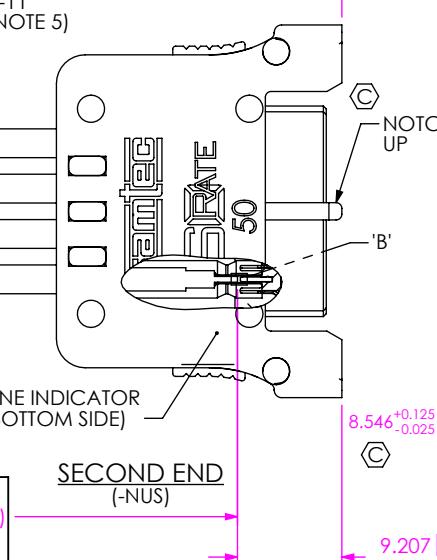
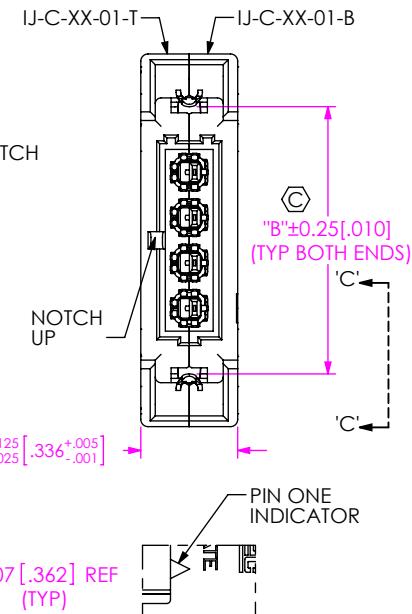


TABLE 1		
No. OF POS	"A" REF	"B"
-01	20.87 [.82]	11.57 [.46]
-02	24.87 [.98]	15.57 [.61]
-04	32.87 [1.29]	23.57 [.93]
-06	40.87 [1.61]	31.57 [1.24]
-08	48.87 [1.92]	39.57 [1.56]

FIG 1
(IJ5C-04-XXXX-S-D-NUS-1 SHOWN)
(SHOWING SECOND END ORIENTATION -NUS)PLATING OPTIONS
-S: 30μ" GOLDPARTIAL 'C'-C
SCALE 1 : 1

NOTES:

DETAIL 'G'

1. REPRESENTS A CRITICAL DIMENSION.
2. ALL ASSEMBLIES TO BE 100% ELECTRICALLY TESTED FOR SHORTS AND OPENS.
3. ALL ASSEMBLIES TO BE 100% HI-POT TESTED AT 600V.
4. PACKAGE ASSEMBLIES IN ANTI-STATIC OR STATIC DISSIPATIVE BAGS
5. ETEST STICKER TO BE PLACED AS SHOWN, LABEL TO BE FLAGGED AROUND SINGLE WIRE AND TO BE PLACED ON CABLE ASSEMBLY AS SHOWN.
- LABEL TO CONTAIN: PART NUMBER, SHOP ORDER & DATE CODE.
6. CABLE LENGTH GREATER THAN 1000mm [39.4"] IS A VALID PART NUMBER, BUT IS NOT SUPPORTED BY S.I. TEST DATA.
7. CABLE LESS THAN 5" [127.0mm] HAVE A LENGTH TOLERANCE OF ±.050"[1.27mm].
8. MEASURE OVER THERMO WELD FEATURES.
9. BUILT AS IJ5C-XX-XXXX-S-D-NDS-X AND CUT TO LENGTH.

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN MILLIMETERS.
TOLERANCES ARE:DECIMALS ANGLES
X: ±0.3[.01]
XX: ±0.13[.005]
XXX: ±0.051[.0020]MATERIAL: DO NOT SCALE DRAWING
COVERS: THERMOPLASTIC, COLOR: BLACK
SHIELD: COPPER ALLOY
CONTACT: COPPER ALLOY
DIELECTRIC: LCP, COLOR: BLACK* PROPRIETARY NOTE *
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SHEET SCALE: 4:1

DESCRIPTION: CABLE ASSEMBLY, IJ5C CONNECTOR
DWG. NO. IJ5C-XX-XXXX-X-X-XXX-X-XX
BY: KNOWLDEN 04/16/2008 SHEET 1 OF 4
F:\DWG\MISC\MKTG\IJ5C-XX-XXXX-X-X-XXX-MKT.SLDDRW

samtec520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047

e-Mail: info@SAMTEC.com

code: 55322

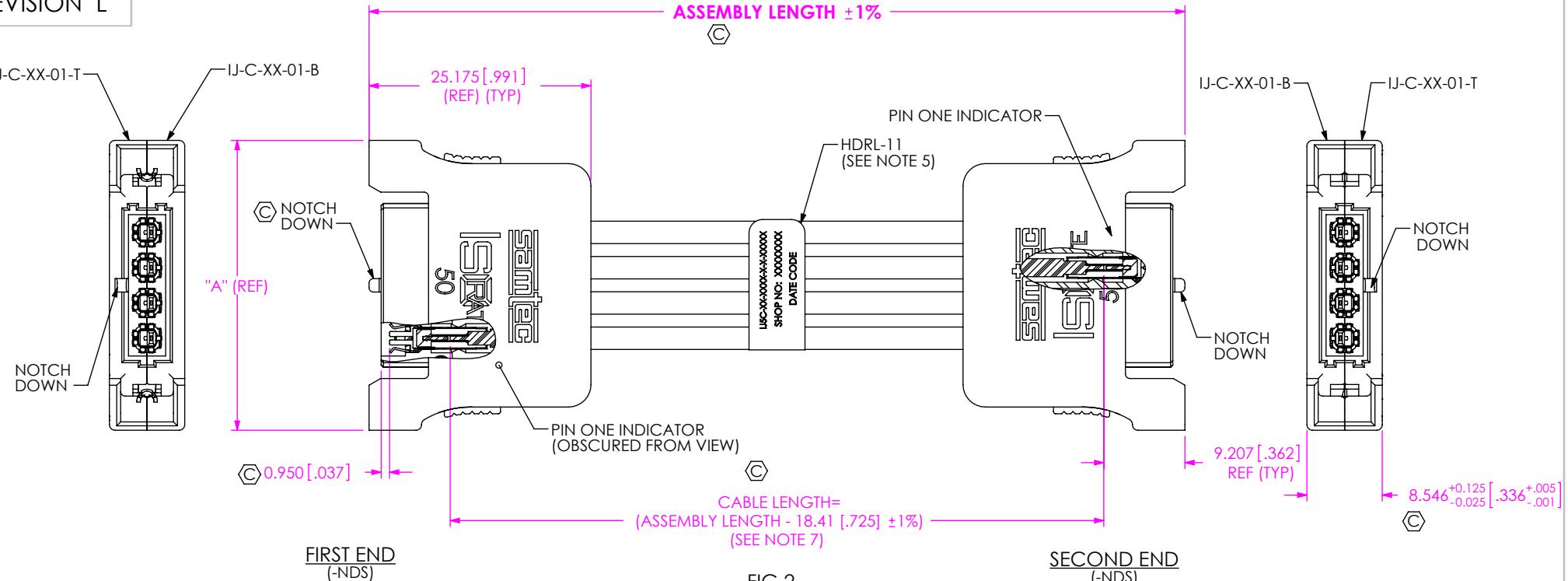


FIG 2
(IJ5C-04-XXXX-S-D-NDS-1 SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)
(SHOWING SECOND END ORIENTATION -NDS)

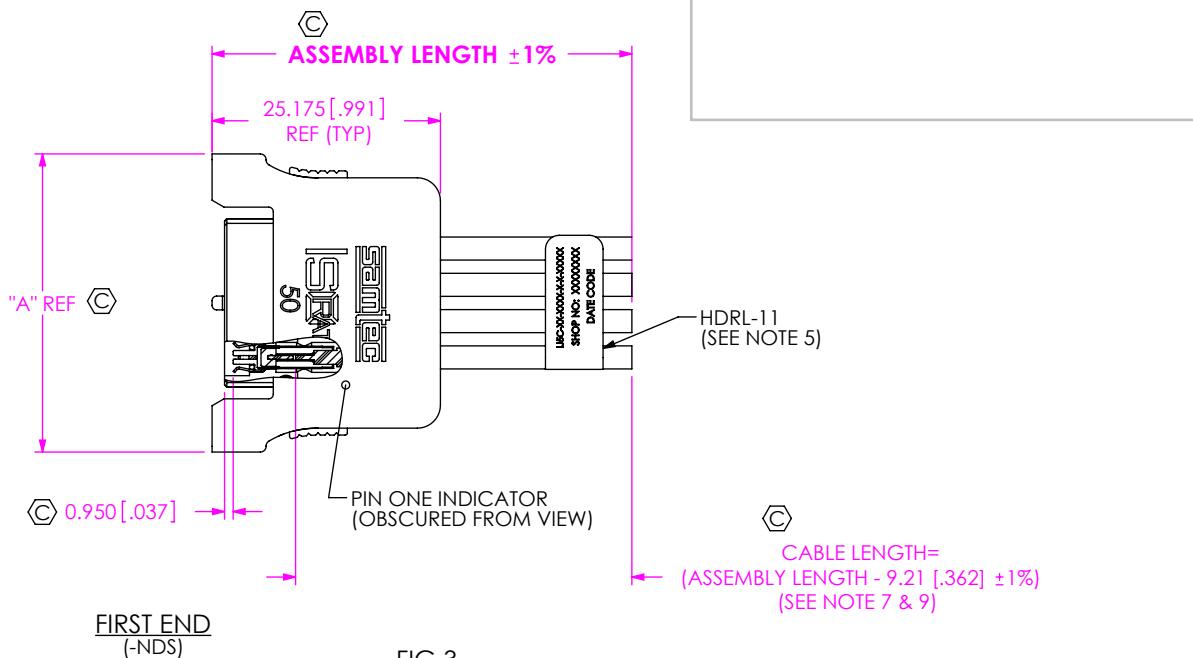


FIG 3
(IJ5C-04-XXXX-S-S-1 SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)

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SHEET SCALE: 1:0.666667

Samtec

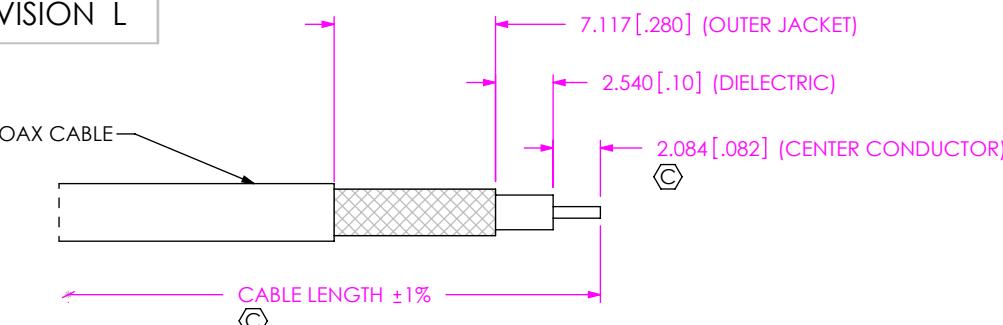
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION: CABLE ASSEMBLY, IJ5C CONNECTOR

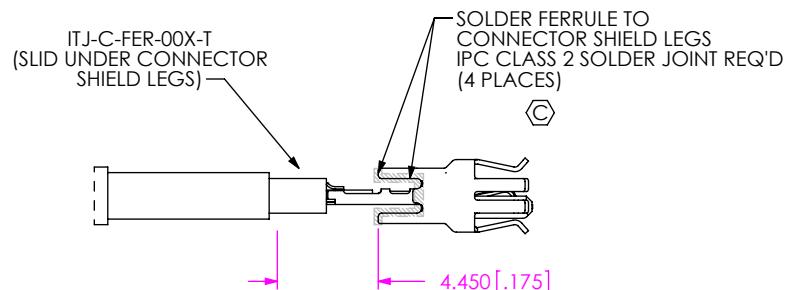
DWG. NO. IJ5C-XX-XXXX-X-X-XXX-X-XX

BY: KNOWLDEN 04/16/2008 SHEET 2 OF 4

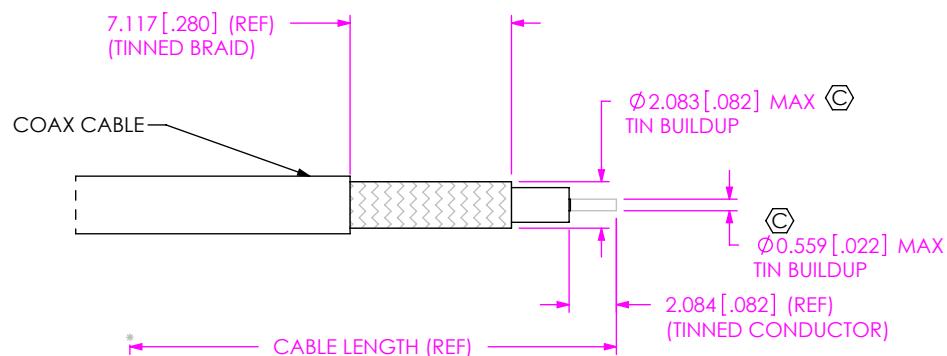
REVISION L



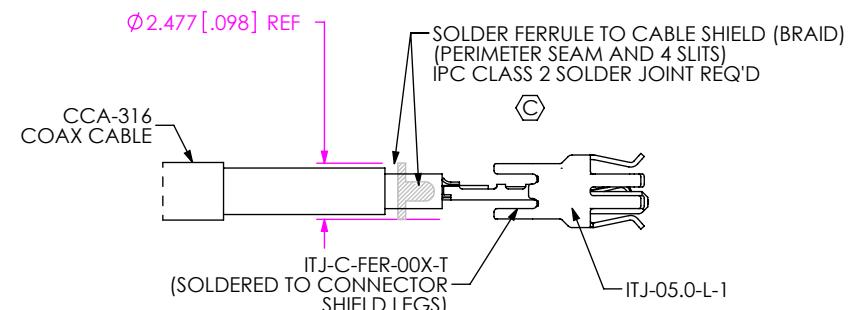
IN-PROCESS STEP 1
(MEASURE AND STRIP CABLE)
(SEE IJ5C CABLE TRAVELER FOR PREP INSTRUCTIONS)



IN-PROCESS STEP 4
(POSITION & SOLDER ITJ-C-FER-00X-T TO CONNECTOR LEGS)

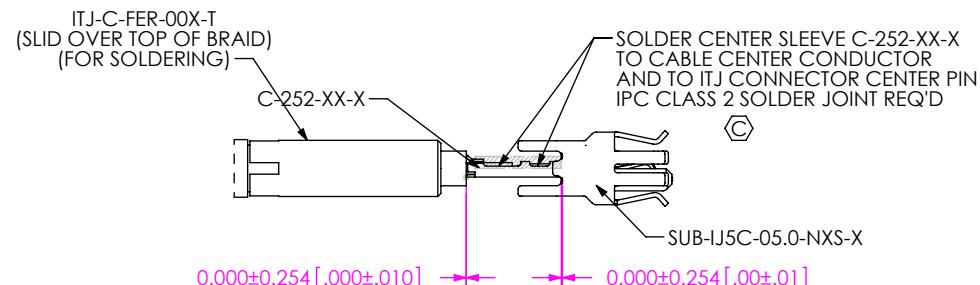


IN-PROCESS STEP 2
(PRE-TIN BRAID & CONDUCTOR)
(SEE IJ5C CABLE TRAVELER FOR PREP INSTRUCTIONS)



IN-PROCESS STEP 5
(FINAL SOLDER ITJ-C-FER-00X-T TO TINNED BRAID)

ORIENTING SUB-IJ5C-05.0-NXS-X



IN-PROCESS STEP 3
(INSTALL & SOLDER SUB-IJ5C)

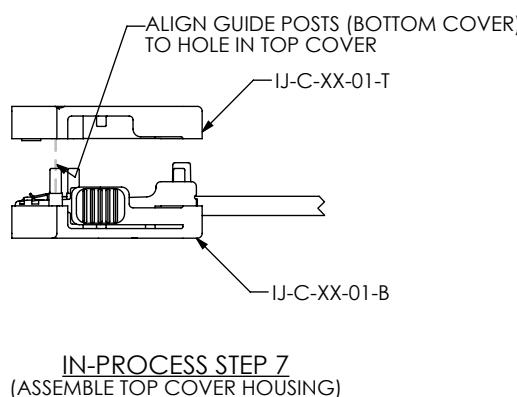
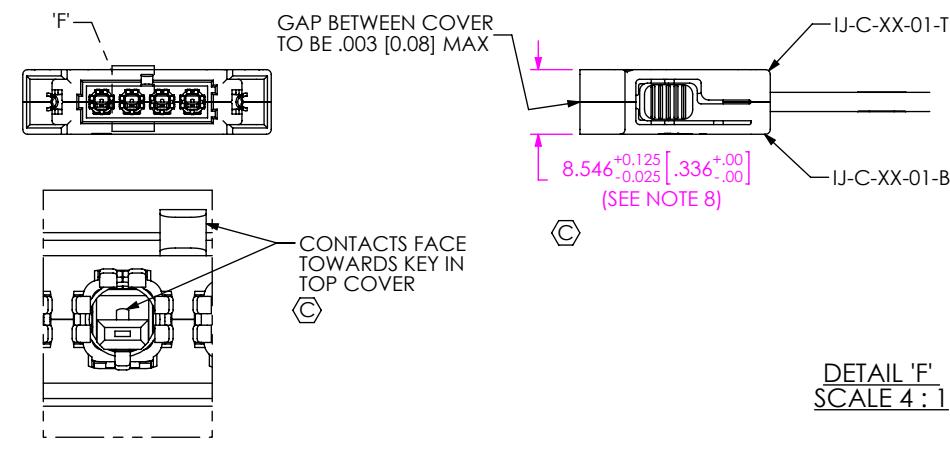
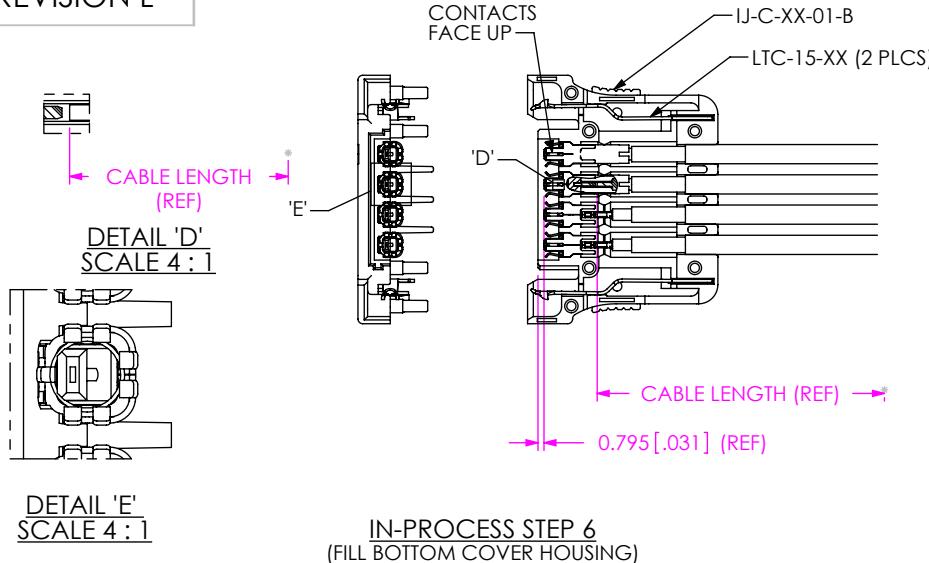
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e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
CABLE ASSEMBLY, IJ5C CONNECTOR
DWG. NO.
IJ5C-XX-XXXX-X-X-XXX-X-XX
BY: KNOWLDEN 04/16/2008 SHEET 3 OF 4



No. OF POS	END OPTION	CABLE TYPE		SUB	FERRULE	TOP HOUSING	BOTTOM HOUSING	LATCH
		OPTION	CABLE NAME					
-01	-S	-1	CTB-2650F-01	SUB-IJ5C-05.0-NXS-XXX	ITJ-C-FER-001-T	IJ-C-01-01-T	IJ-C-01-01-B	LTC-15-01
	-S	-2	CCA-316		ITJ-C-FER-002-T			
	-D	-1	CTB-2650F-01	SUB-IJ5C-05.0-NXS-XXX	ITJ-C-FER-001-T	IJ-C-01-01-T	IJ-C-01-01-B	LTC-15-01
	-D	-2	CCA-316		ITJ-C-FER-002-T			
-02	-S	-1	CTB-2650F-01	SUB-IJ5C-05.0-NXS-XXX	ITJ-C-FER-001-T	IJ-C-02-01-T	IJ-C-02-01-B	LTC-15-01
	-S	-2	CCA-316		ITJ-C-FER-002-T			
	-D	-1	CTB-2650F-01	SUB-IJ5C-05.0-NXS-XXX	ITJ-C-FER-001-T	IJ-C-02-01-T	IJ-C-02-01-B	LTC-15-01
	-D	-2	CCA-316		ITJ-C-FER-002-T			
-04	-S	-1	CTB-2650F-01	SUB-IJ5C-05.0-NXS-XXX	ITJ-C-FER-001-T	IJ-C-04-01-T	IJ-C-04-01-B	LTC-15-01
	-S	-2	CCA-316		ITJ-C-FER-002-T			
	-D	-1	CTB-2650F-01	SUB-IJ5C-05.0-NXS-XXX	ITJ-C-FER-001-T	IJ-C-04-01-T	IJ-C-04-01-B	LTC-15-01
	-D	-2	CCA-316		ITJ-C-FER-002-T			
-06	-S	-1	CTB-2650F-01	SUB-IJ5C-05.0-NXS-XXX	ITJ-C-FER-001-T	IJ-C-06-01-T	IJ-C-06-01-B	LTC-15-01
	-S	-2	CCA-316		ITJ-C-FER-002-T			
	-D	-1	CTB-2650F-01	SUB-IJ5C-05.0-NXS-XXX	ITJ-C-FER-001-T	IJ-C-06-01-T	IJ-C-06-01-B	LTC-15-01
	-D	-2	CCA-316		ITJ-C-FER-002-T			
-08	-S	-1	CTB-2650F-01	SUB-IJ5C-05.0-NXS-XXX	ITJ-C-FER-001-T	IJ-C-08-01-T	IJ-C-08-01-B	LTC-15-01
	-S	-2	CCA-316		ITJ-C-FER-002-T			
	-D	-1	CTB-2650F-01	SUB-IJ5C-05.0-NXS-XXX	ITJ-C-FER-001-T	IJ-C-08-01-T	IJ-C-08-01-B	LTC-15-01
	-D	-2	CCA-316		ITJ-C-FER-002-T			

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IJ5C-XX-XXXX-X-X-XXX-X-XX

BY: KNOWLDEN 04/16/2008 SHEET 4 OF 4