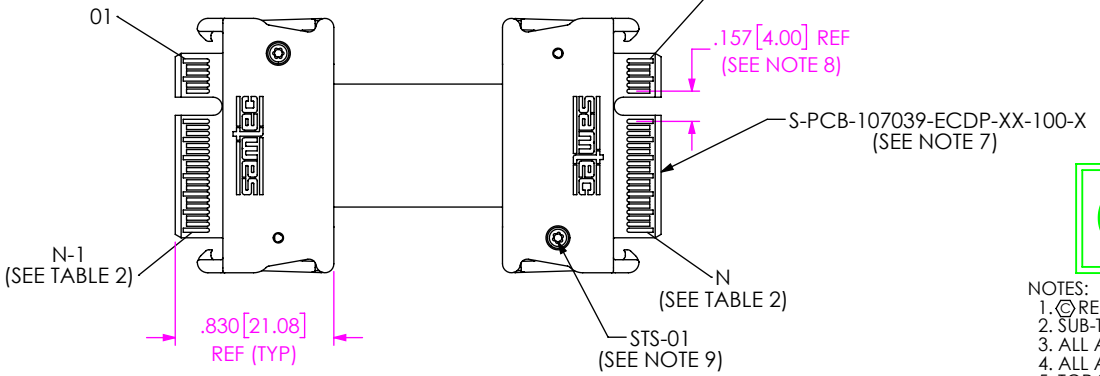
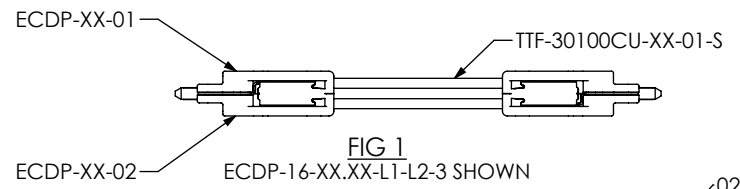
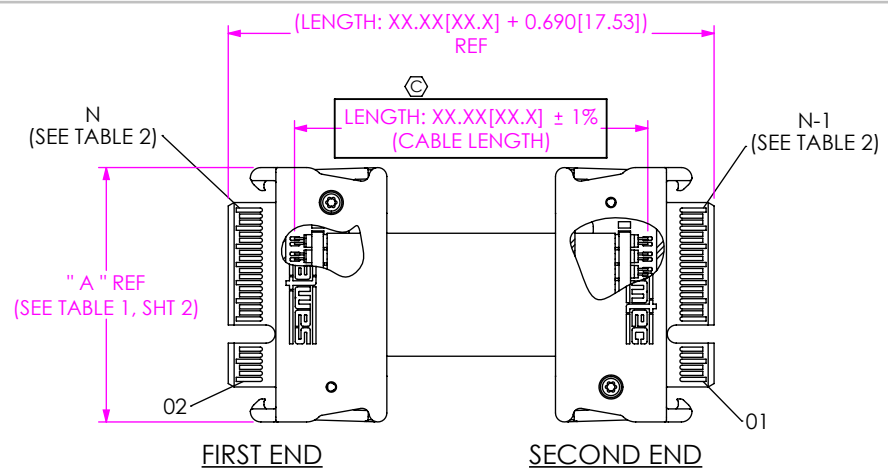


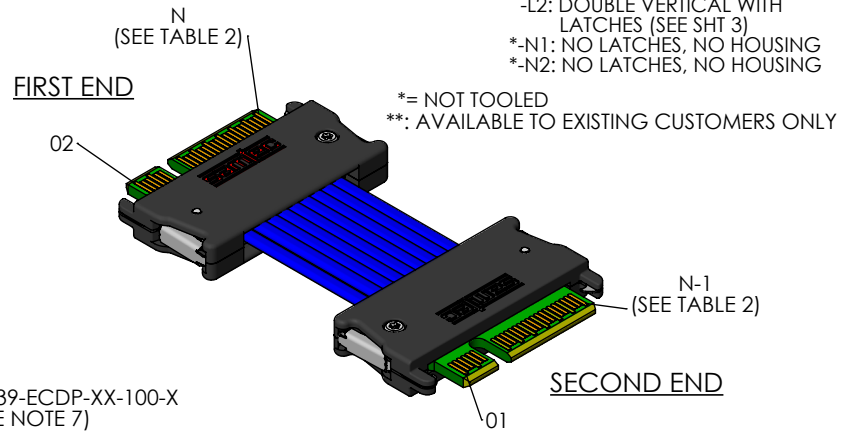
DO NOT SCALE FROM THIS PRINT



No. OF PAIRS	N	N-1
-04	18	17
-08	26	25
-16	50	49
-32	98	97

ECDP-XX-XX.XX-XX-XX-X-X

- No OF PAIRS**
-04, -08, -16, -32
- LENGTH**
-XX.XX(INCHES)
(03.75[95.3] MIN)
(SEE NOTE 2)
(SEE NOTE 10)
- FIRST END**
-B1: BOARD LOCK, NO HOUSING
-L1: DOUBLE VERTICAL WITH LATCHES (SEE SHT 3)
*-N1: NO LATCHES, NO HOUSING
- SECOND END**
-B1: BOARD LOCK, NO HOUSING
-B2: BOARD LOCK, NO HOUSING
-L1: DOUBLE VERTICAL WITH LATCHES (SEE SHT 3)
-L2: DOUBLE VERTICAL WITH LATCHES (SEE SHT 3)
*-N1: NO LATCHES, NO HOUSING
*-N2: NO LATCHES, NO HOUSING
- CABLE**
**-1: 100Ω ACCELERATE
**-2: 85Ω ACCELERATE
-3: 100Ω EYESPEED
- WIRING OPTION**
-1: PIN 1 TO PIN 1
-2: PIN 1 TO PIN 2
-3: PIN 1 TO PIN N-1
-4: PIN 1 TO PIN N



THIS PRODUCT MANUFACTURED WITH LEAD-FREE PROCESSING

- NOTES:
- © REPRESENTS A CRITICAL DIMENSION.
 - SUB-TTF LENGTH IS EQUAL TO ECDP LENGTH.
 - ALL ASSEMBLIES TO BE 100% ELECTRICALLY TESTED FOR SHORTS AND OPENS.
 - ALL ASSEMBLIES TO BE 100% HI-POT TESTED AT 300V.
 - TOP SUB-TTF NOT SHOWN IN THIS VIEW FOR CLARITY; HDRL-11 TO BE CENTERED ON LOWER SUB-TTF AS SHOWN. HDRL-11 IS TO CONTAIN PART NUMBER, SHOP NUMBER & DATE CODE.
 - PACKAGE ASSEMBLIES IN STATIC DISSIPATION BAGS.
 - FOR PRE-TINNING PROCESSING INFORMATION ON THE SUB-PCB'S, SEE TRAVELERS: PCB-102781-ECDP-XX-XXX-X, PCB-104164-ECDP-XX-XXX-X, PCB-107039-ECDP-XX-XXX-X AND PCB-107040-ECDP-XX-XXX-X.
 - KEY CONSUMES FOUR PITCHES.
 - TIGHTEN STS-01 TO 1.4-1.7 IN-LBS.
 - CABLE LENGTHS LONGER THAN 40.00[1016.0] ARE NOT SUPPORTED BY S.I. TEST DATA.
 - USE SAMTEC PART NUMBER EPOXY-06 FOR EPOXY APPLICATION.
 - NO HEAT SHRINK FOR -NX & -BX END WITH -3 CABLE (100 OHM EYESPEED).

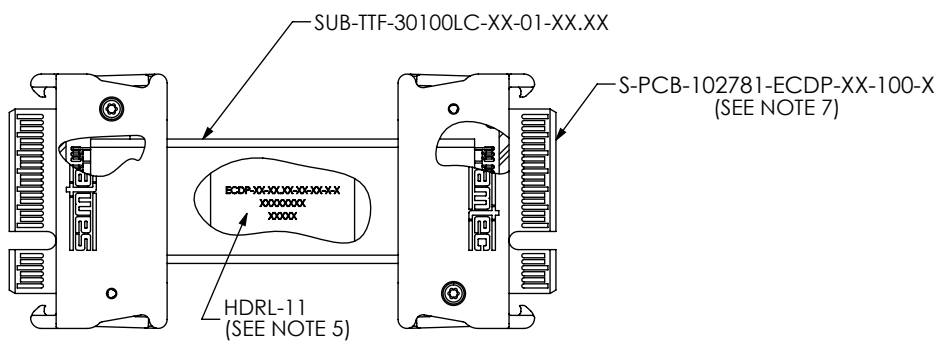


FIG 2
ECDP-16-XX.XX-LT-L2-1 SHOWN
(NOT TOOLED)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.XX: ±.01 [.3] 2°
.XXX: ±.005 [.13]
.XXXX: ±.0020 [.051]

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MATERIAL:	DO NOT SCALE DRAWING	SHEET SCALE: 1:1	DESCRIPTION:
			DIFF PAIR EDGE CARD CABLE ASSEMBLY
			DWG. NO.
			ECDP-XX-XX.XX-XX-XX-X-X
			BY: B RAY 09/14/2010 SHEET 1 OF 5

TABLE 1

-LX 100 OHM ACCELERATE

No. OF PAIRS	"A"	SUB-TTF QTY	SUB-TTF-30100LC-XX-01-XX.XX	S-PCB-102781-ECDP-XX-100-X (SEE NOTE 7)	ECDP-XX-01	ECDP-XX-02
-04	.821 [20.85]	2	SUB-TTF-30100LC-02-01-XX.XX	S-PCB-102781-ECDP-004-100-X	ECDP-04-01	ECDP-04-02
-08	.947 [24.05]	2	SUB-TTF-30100LC-04-01-XX.XX	S-PCB-102781-ECDP-008-100-X	ECDP-08-01	ECDP-08-02
-16	1.325 [33.66]	2	SUB-TTF-30100LC-08-01-XX.XX	S-PCB-102781-ECDP-016-100-X	ECDP-16-01	ECDP-16-02
-32	2.081 [52.86]	4	SUB-TTF-30100LC-08-01-XX.XX	S-PCB-102781-ECDP-032-100-X	ECDP-32-01	ECDP-32-02

-LX 85 OHM ACCELERATE

No. OF PAIRS	"A"	SUB-TTF QTY	SUB-TTF-3085LC-XX-01-XX.XX	S-PCB-102781-ECDP-XX-85-X (SEE NOTE 7)	ECDP-XX-01	ECDP-XX-02
-04	.821 [20.85]	2	SUB-TTF-3085LC-02-01-XX.XX	S-PCB-102781-ECDP-004-85-X	ECDP-04-01	ECDP-04-02
-08	.947 [24.05]	2	SUB-TTF-3085LC-04-01-XX.XX	S-PCB-102781-ECDP-008-85-X	ECDP-08-01	ECDP-08-02
-16	1.325 [33.66]	2	SUB-TTF-3085LC-08-01-XX.XX	S-PCB-102781-ECDP-016-85-X	ECDP-16-01	ECDP-16-02
-32	2.081 [52.86]	4	SUB-TTF-3085LC-08-01-XX.XX	S-PCB-102781-ECDP-032-85-X	ECDP-32-01	ECDP-32-02

-LX 100 OHM EYESPEED

No. OF PAIRS	"A"	SUB-TTF QTY	TTF-30100CU-XX-01-S	S-PCB-107039-ECDP-XX-100-X (SEE NOTE 7)	ECDP-XX-01	ECDP-XX-02
-04	.821 [20.85]	2	TTF-30100CU-02-01-S	S-PCB-107039-ECDP-004-100-X	ECDP-04-01	ECDP-04-02
-08	.947 [24.05]	2	TTF-30100CU-04-01-S	S-PCB-107039-ECDP-008-100-X	ECDP-08-01	ECDP-08-02
-16	1.325 [33.66]	2	TTF-30100CU-08-01-S	S-PCB-107039-ECDP-016-100-X	ECDP-16-01	ECDP-16-02
-32	2.081 [52.86]	4	TTF-30100CU-08-01-S	S-PCB-107039-ECDP-032-100-X	ECDP-32-01	ECDP-32-02

-NX 100 OHM ACCELERATE

No. OF PAIRS	"B"	SUB-TTF QTY	SUB-TTF-30100LC-XX-01-XX.XX	S-PCB-102781-ECDP-XX-100-X (SEE NOTE 7)	HST-X.XXX-XX-XXX
-04	.513 [13.03]	2	SUB-TTF-30100LC-02-01-XX.XX	S-PCB-102781-ECDP-004-100-X	HST-0.250-01-CLR
-08	.639 [16.23]	2	SUB-TTF-30100LC-04-01-XX.XX	S-PCB-102781-ECDP-008-100-X	HST-0.375-01-CLR
-16	1.017 [25.83]	2	SUB-TTF-30100LC-08-01-XX.XX	S-PCB-102781-ECDP-016-100-X	HST-0.625-01-CLR
-32	1.773 [45.03]	4	SUB-TTF-30100LC-08-01-XX.XX	S-PCB-102781-ECDP-032-100-X	HST-1.000-01-CLR

-NX 85 OHM ACCELERATE

No. OF PAIRS	"B"	SUB-TTF QTY	SUB-TTF-3085LC-XX-01-XX.XX	S-PCB-102781-ECDP-XX-85-X (SEE NOTE 7)	HST-X.XXX-XX-XXX
-04	.513 [13.03]	2	SUB-TTF-3085LC-02-01-XX.XX	S-PCB-102781-ECDP-004-85-X	HST-0.250-01-CLR
-08	.639 [16.23]	2	SUB-TTF-3085LC-04-01-XX.XX	S-PCB-102781-ECDP-008-85-X	HST-0.375-01-CLR
-16	1.017 [25.83]	2	SUB-TTF-3085LC-08-01-XX.XX	S-PCB-102781-ECDP-016-85-X	HST-0.625-01-CLR
-32	1.773 [45.03]	4	SUB-TTF-3085LC-08-01-XX.XX	S-PCB-102781-ECDP-032-85-X	HST-1.000-01-CLR

-NX 100 OHM EYESPEED

No. OF PAIRS	"B"	SUB-TTF QTY	TTF-30100CU-XX-01-S	S-PCB-107039-ECDP-XX-100-X (SEE NOTE 7)	HST-X.XXX-XX-XXX (SEE NOTE 12)
-04	.513 [13.03]	2	TTF-30100CU-02-01-S	S-PCB-107039-ECDP-004-100-X	N/A
-08	.639 [16.23]	2	TTF-30100CU-04-01-S	S-PCB-107039-ECDP-008-100-X	N/A
-16	1.017 [25.83]	2	TTF-30100CU-08-01-S	S-PCB-107039-ECDP-016-100-X	N/A
-32	1.773 [45.03]	4	TTF-30100CU-08-01-S	S-PCB-107039-ECDP-032-100-X	N/A

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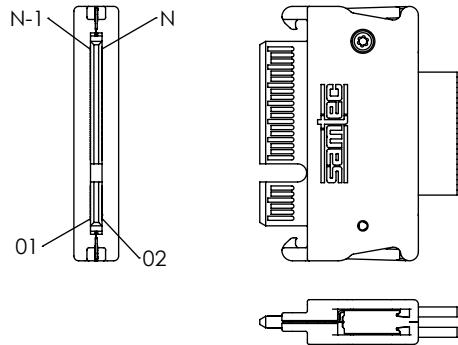
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 SHEET SCALE: 1:1



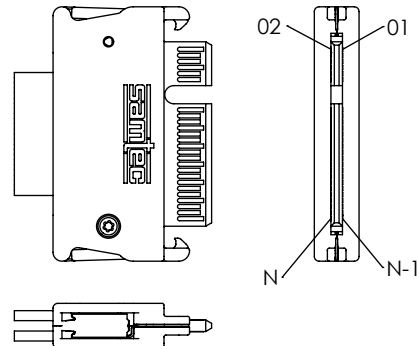
520 PARK EAST BLVD, NEW ALBANY, IN 47150
 PHONE: 812-944-6733 FAX: 812-948-5047
 e-Mail info@SAMTEC.com code 55322

DESCRIPTION:
 DIFF PAIR EDGE CARD CABLE ASSEMBLY
 DWG. NO.
ECDP-XX-XX.XX-XX-XX-X-X
 BY: B RAY 09/14/2010 SHEET 2 OF 5

-L1 & -N1
(NX WILL NOT HAVE HOUSINGS)



-L1 & -N1
(NX WILL NOT HAVE HOUSINGS)



-L2 & -N2
(NX WILL NOT HAVE HOUSINGS)

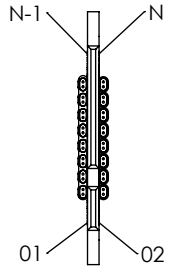
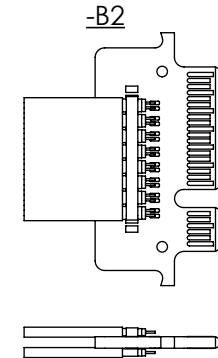
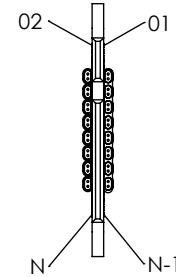
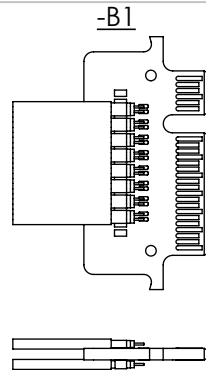
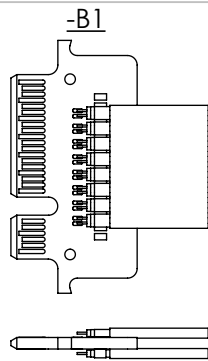
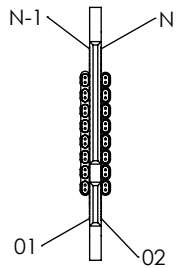
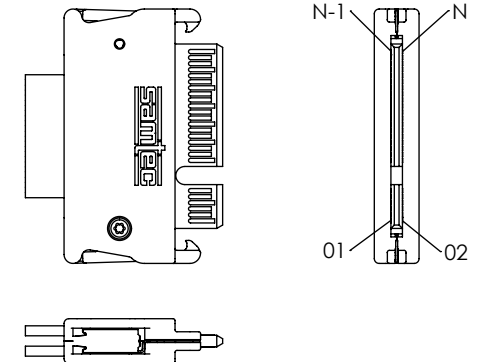


TABLE 1 (CONT'D)

-BX 100 OHM ACCELERATE

No. OF PAIRS	"C"	SUB-TTF QTY	SUB-TTF-30100LC-XX-01-XX-XX	S-PCB-104164-ECDP-XX-100-X (SEE NOTE 7)	HST-X.XXX-XX-XXX
-04	.813 [20.65]	2	SUB-TTF-30100LC-02-01-XX-XX	S-PCB-104164-ECDP-004-100-X	HST-0.250-01-CLR
-08	.939 [23.85]	2	SUB-TTF-30100LC-04-01-XX-XX	S-PCB-104164-ECDP-008-100-X	HST-0.375-01-CLR
-16	1.317 [33.45]	2	SUB-TTF-30100LC-08-01-XX-XX	S-PCB-104164-ECDP-016-100-X	HST-0.625-01-CLR
-32	2.073 [52.65]	4	SUB-TTF-30100LC-08-01-XX-XX	S-PCB-104164-ECDP-032-100-X	HST-1.000-01-CLR

-BX 85 OHM ACCELERATE

No. OF PAIRS	"C"	SUB-TTF QTY	SUB-TTF-3085LC-XX-01-XX-XX	S-PCB-104164-ECDP-XX-85-X (SEE NOTE 7)	HST-X.XXX-XX-XXX
-04	.813 [20.65]	2	SUB-TTF-3085LC-02-01-XX-XX	S-PCB-104164-ECDP-004-85-X	HST-0.250-01-CLR
-08	.939 [23.85]	2	SUB-TTF-3085LC-04-01-XX-XX	S-PCB-104164-ECDP-008-85-X	HST-0.375-01-CLR
-16	1.317 [33.45]	2	SUB-TTF-3085LC-08-01-XX-XX	S-PCB-104164-ECDP-016-85-X	HST-0.625-01-CLR
-32	2.073 [52.65]	4	SUB-TTF-3085LC-08-01-XX-XX	S-PCB-104164-ECDP-032-85-X	HST-1.000-01-CLR

-BX 100 OHM EYESPEED

No. OF PAIRS	"C"	SUB-TTF QTY	TTF-30100CU-XX-01-S	S-PCB-107040-ECDP-XX-100-X (SEE NOTE 7)	HST-X.XXX-XX-XXX (SEE NOTE 12)
-04	.813 [20.65]	2	TTF-30100CU-02-01-S	S-PCB-107040-ECDP-004-100-X	N/A
-08	.939 [23.85]	2	TTF-30100CU-04-01-S	S-PCB-107040-ECDP-008-100-X	N/A
-16	1.317 [33.45]	2	TTF-30100CU-08-01-S	S-PCB-107040-ECDP-016-100-X	N/A
-32	2.073 [52.65]	4	TTF-30100CU-08-01-S	S-PCB-107040-ECDP-032-100-X	N/A

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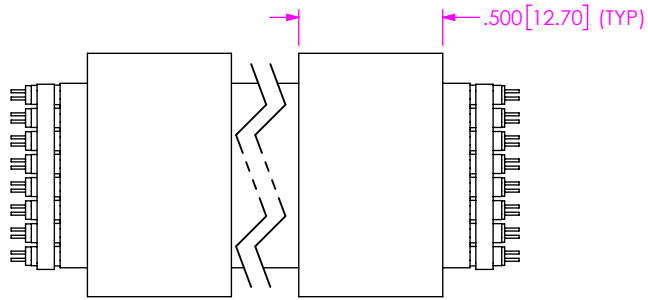
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

DESCRIPTION:
DIFF PAIR EDGE CARD CABLE ASSEMBLY

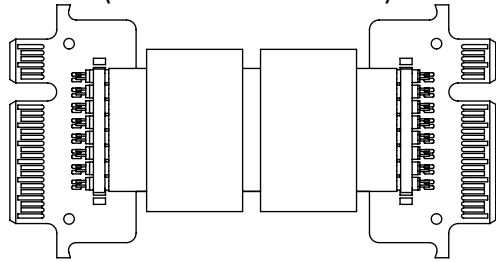
DWG. NO.
ECDP-XX-XX.XX-XX-XX-X-X

BY: B RAY 09/14/2010 SHEET 3 OF 5

IN-PROCESS 1 (-BX AND -NX OPTIONS ONLY)
 ADD HST TO RIBBON CABLE
 (SEE NOTE 12)

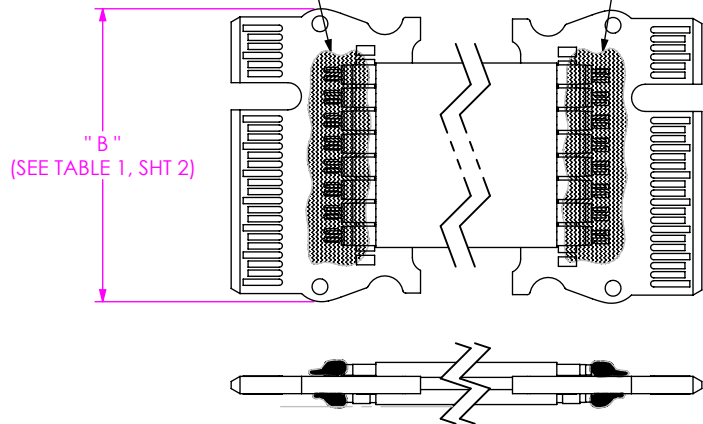


IN-PROCESS 2
 TERMINATE CABLE
 (ALL END OPTIONS)

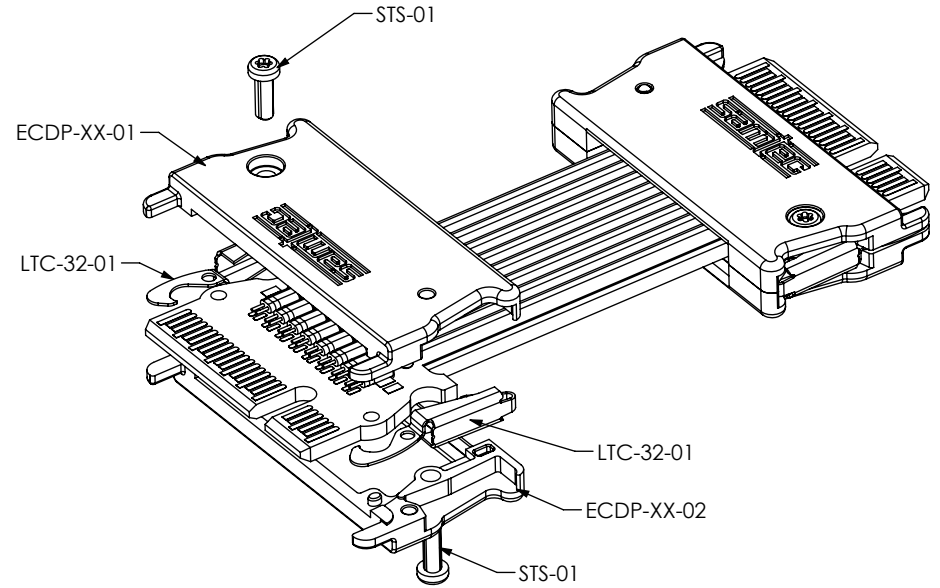


IN-PROCESS 3

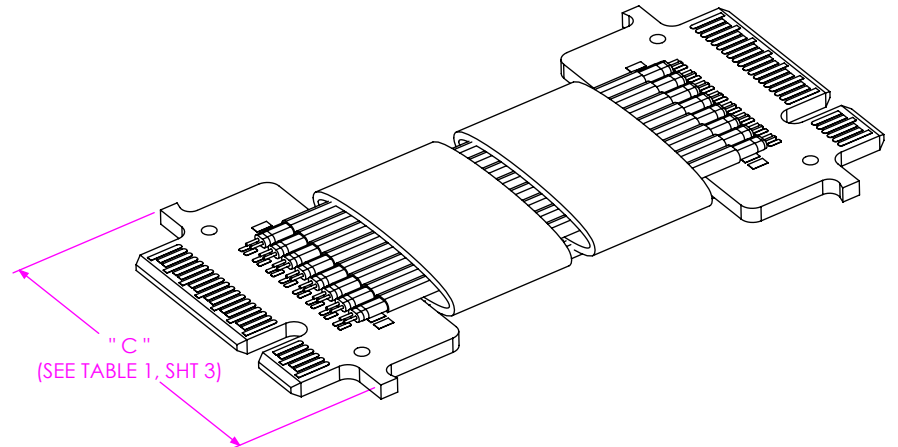
ADD UV EPOXY
 BOTH SIDES OF PCB
 ALL TERMINATIONS
 MUST BE COVERED.
 JACKETS TO BE UNCOVERED
 IF END OPTION HAS HOUSINGS
 (SEE NOTE 11)



IN-PROCESS 4 (-LX END OPTIONS ONLY)
 ADD HOUSINGS
 (ECDP-016-XX.XX-L1-L2-X-X)



IN-PROCESS 4 (-BX AND -NX END OPTIONS ONLY)
 FORM HEATSHRINK
 ECDP-016-XX.XX-B1-B2-X-X



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 PHONE: 812-944-6733 FAX: 812-948-5047
 e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
 DIFF PAIR EDGE CARD CABLE ASSEMBLY

DWG. NO.
 ECDP-XX-XX.XX-XX-XX-X-X

BY: B RAY 09/14/2010 SHEET 4 OF 5

