

Pb THIS PRODUCT MANUFACTURED WITH LEAD-FREE PROCESSING

DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]

DCH-XX-XX.X-X-XX-X-X-X

DO NOT SCALE FROM THIS PRINT

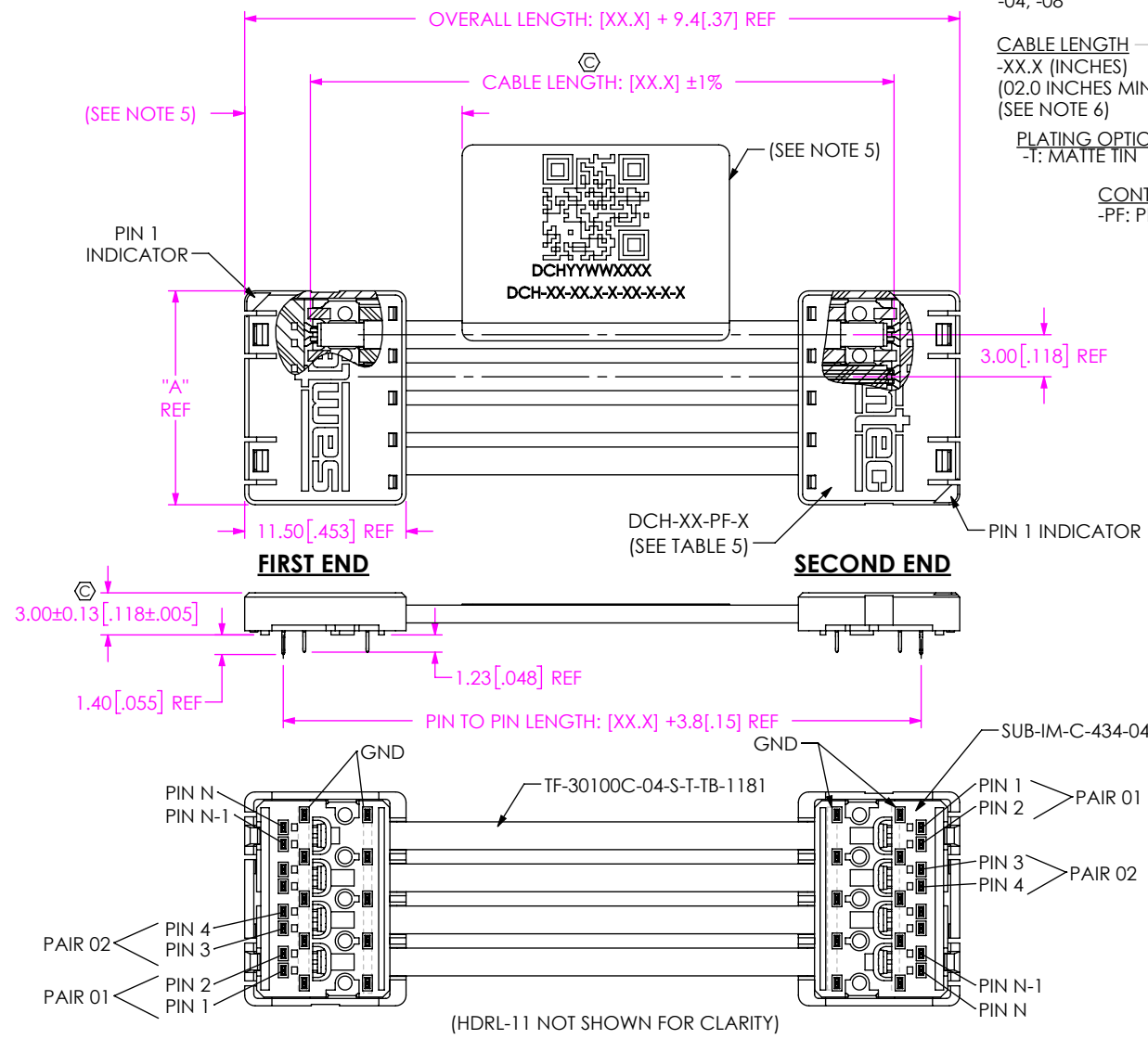


FIG 1
DCH-04-XX.X-X-PF-1-4 SHOWN

- NO OF PAIRS**
-04, -08
- CABLE LENGTH**
-XX.X (INCHES)
(02.0 INCHES MINIMUM)
(SEE NOTE 6)
- PLATING OPTION**
-T: MATTE TIN
- CONTACT STYLE**
-PF: PRESS FIT
- OPTION**
-S: STRAIGHT STRAIN RELIEF
-T: THIRTY DEGREE ANGLED STRAIN RELIEF
(LEAVE BLANK FOR NO STRAIN RELIEF, AVAILABLE TO EXISTING CUSTOMERS ONLY)
- WIRING OPTION**
-1: PIN 1 TO PIN 1 (SEE SHT 2, FIG 3 & SHT 5, TABLE 2)
-4: PIN 1 TO PIN N (SEE FIG 1 & 2, & SHT 5, TABLE 3)
- SECOND END OPTION**
-1: DCH
- (* = NOT RELEASED FOR PRODUCTION)

TABLE 1

PAIRS	"A"	N	N-1
-04	15.25 [.600]	8	7
-08	30.25 [1.191]	16	15

TABLE 5 (DCH-XX-PF-X USAGE)

OPTION	PAIRS	
	-04	-08
-(BLANK)	DCH-04-PF-C	DCH-08-PF-C
-S, -T	DCH-04-PF-S	DCH-08-PF-S

- NOTES:
1. REPRESENTS A CRITICAL DIMENSION.
 2. ALL ASSEMBLIES TO BE 100% HI-POT TESTED AT 300V.
 3. ALL ASSEMBLIES TO BE 100% ELECTRICALLY TESTED FOR SHORTS AND OPENS.
 4. FOR PACKAGING REQUIREMENTS REFERENCE PACKAGING STANDARDS.
 5. HDRL-11 TO BE CENTERED ON CABLE AS SHOWN. LABEL TO CONTAIN:
LINE 1 - QR CODE "DCH-XX-XX.X-X-XX-X-X-X"
LINE 2 - SERIAL NUMBER "DCHYYWXXXX".
LINE 3 - PART NUMBER "DCH-XX-XX.X-X-XX-X-X-X".
 6. CABLE LENGTHS LONGER THAN 40.00 INCHES ARE NOT SUPPORTED BY S.I. TEST DATA.
 7. MOLDED SURFACES SHALL BE CONSISTENT AND SMOOTH. SURFACES TO BE FREE OF SCRATCHES, NICKS, SINK AREAS, VOIDS OR OTHER BLEMISHES.
 8. REFER TO PREP-SPEC.PDF FOR CABLE PREP DIMENSIONS. ASSEMBLY USES DCH PREP.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES ARE:

DECIMALS	ANGLES
X.X: ±0.3 [.01]	2°
X.XX: ±0.13 [.005]	
X.XXX: ±0.051 [.0020]	

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MATERIAL: INSULATOR: LCP
TERMINAL: COPPER ALLOY
CABLE INSULATION: THV
DIELECTRIC: FEP
WIRE: SILVER PLATED COPPER
CAP: PBT

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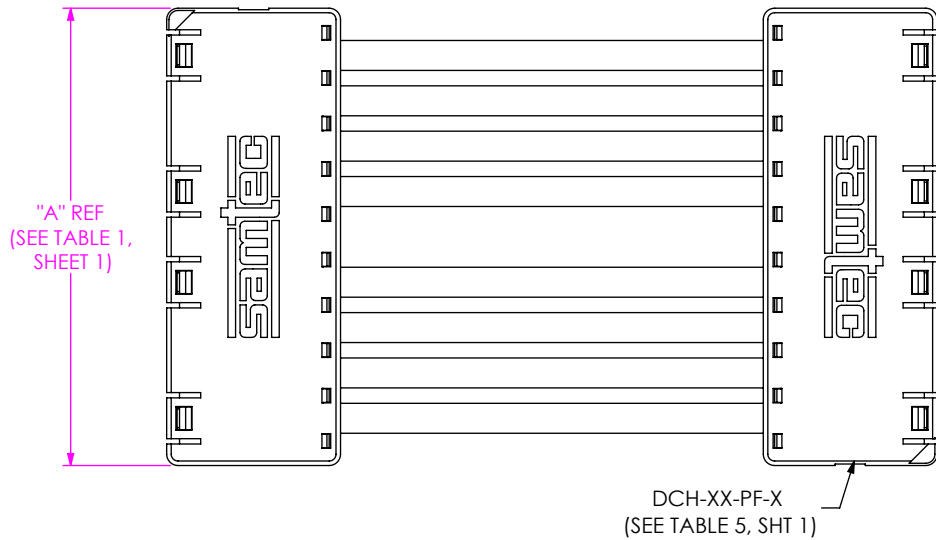


520 PARK EAST BLVD, NEW ALBANY, IN 47150
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DESCRIPTION:
DIRECT CONNECT HIGH SPEED CABLE ASM

DWG. NO. DCH-XX-XX.X-X-XX-X-X-X

BY: D.SCHMELZ 3/21/2016 SHEET 1 OF 6



FIRST END

SECOND END

DCH-XX-PF-X
(SEE TABLE 5, SHT 1)

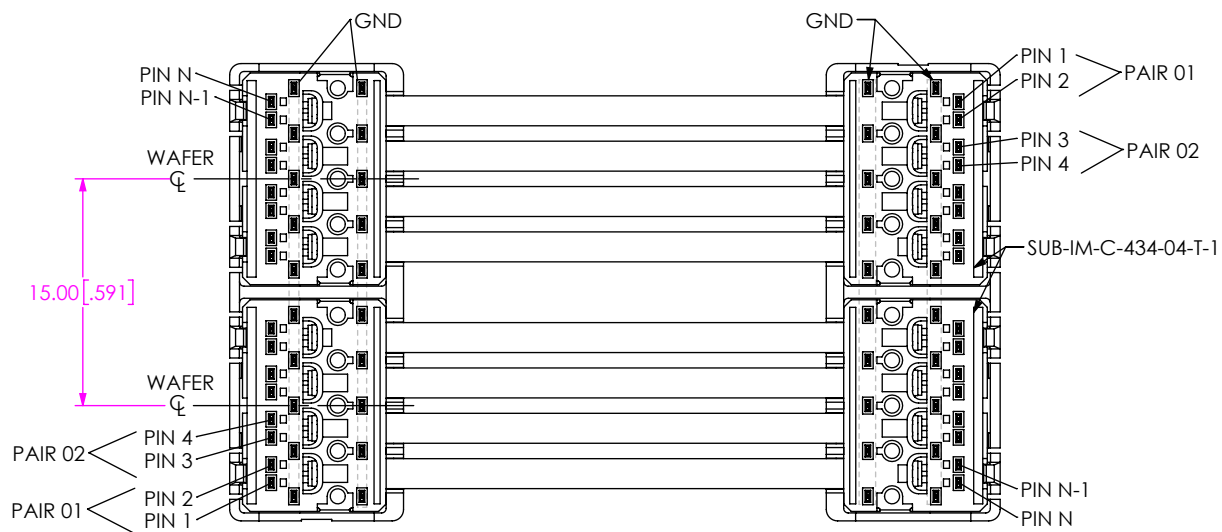
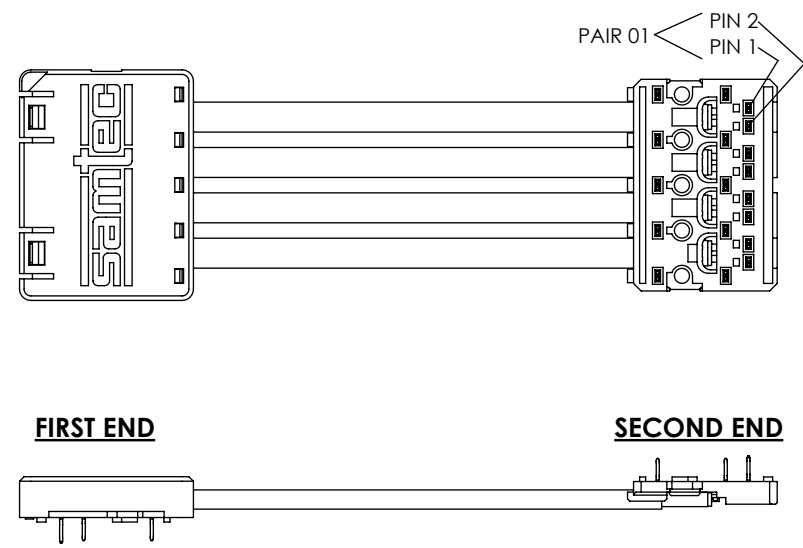


FIG 2

DCH-08-XX.X-X-PF-1-4 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



FIRST END

SECOND END

FIG 3
DCH-04-XX.X-X-PF-1-1 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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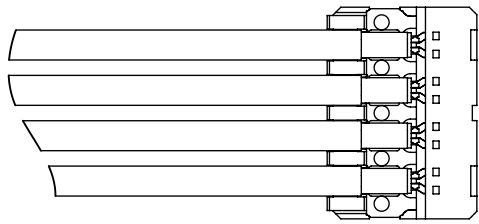
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IN-PROCESS TERMINATE CABLE
(SEE SHEET 6 FOR TERMINATION DETAILS)

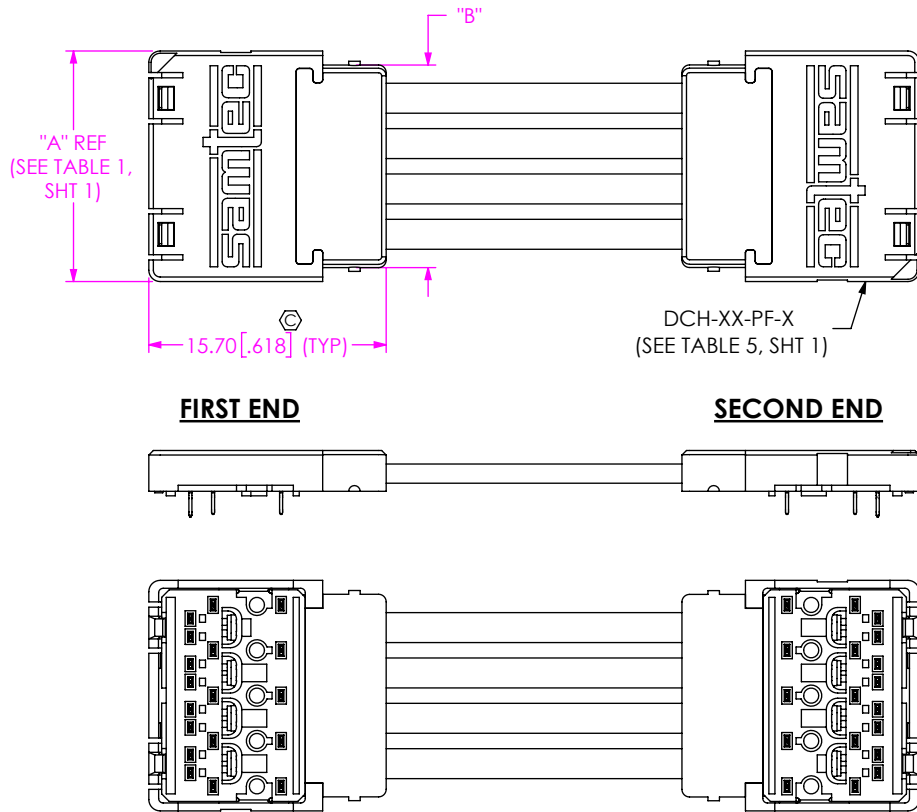


FIG 4
DCH-04-XX.X-X-PF-1-4-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

TABLE 4	
PAIRS	"B"
-04	13.40 [.528]
-08	28.40 [1.118]

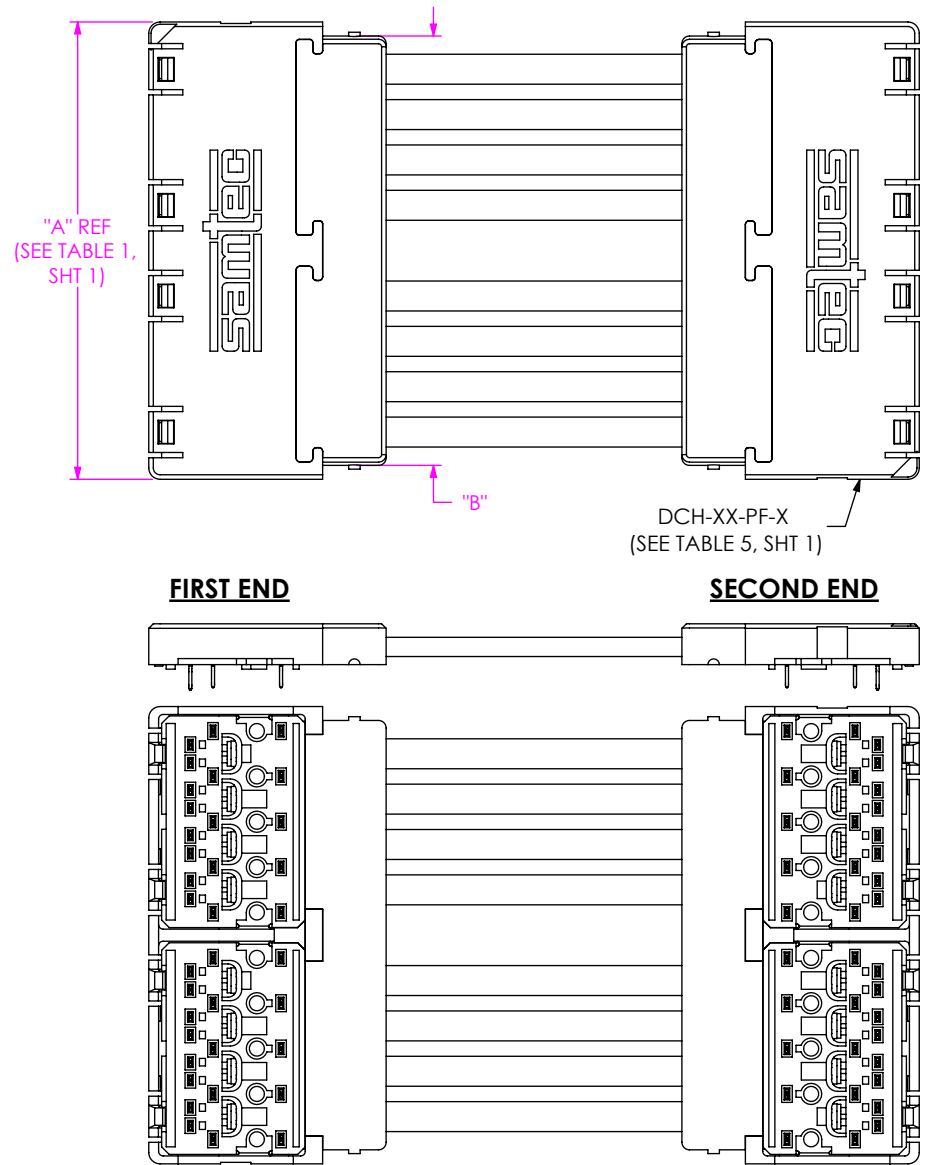


FIG 5
DCH-08-XX.X-X-PF-1-4-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2 & 4)

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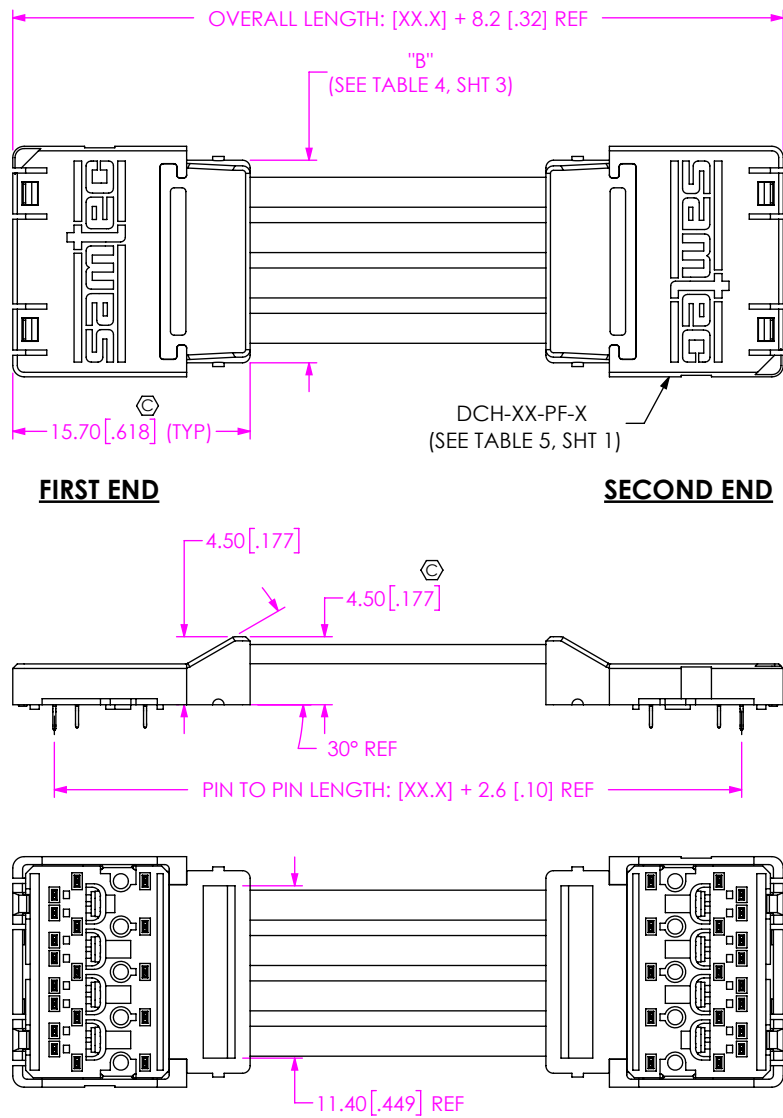


FIG 6
DCH-04-XX.X-X-PF-1-4-T SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

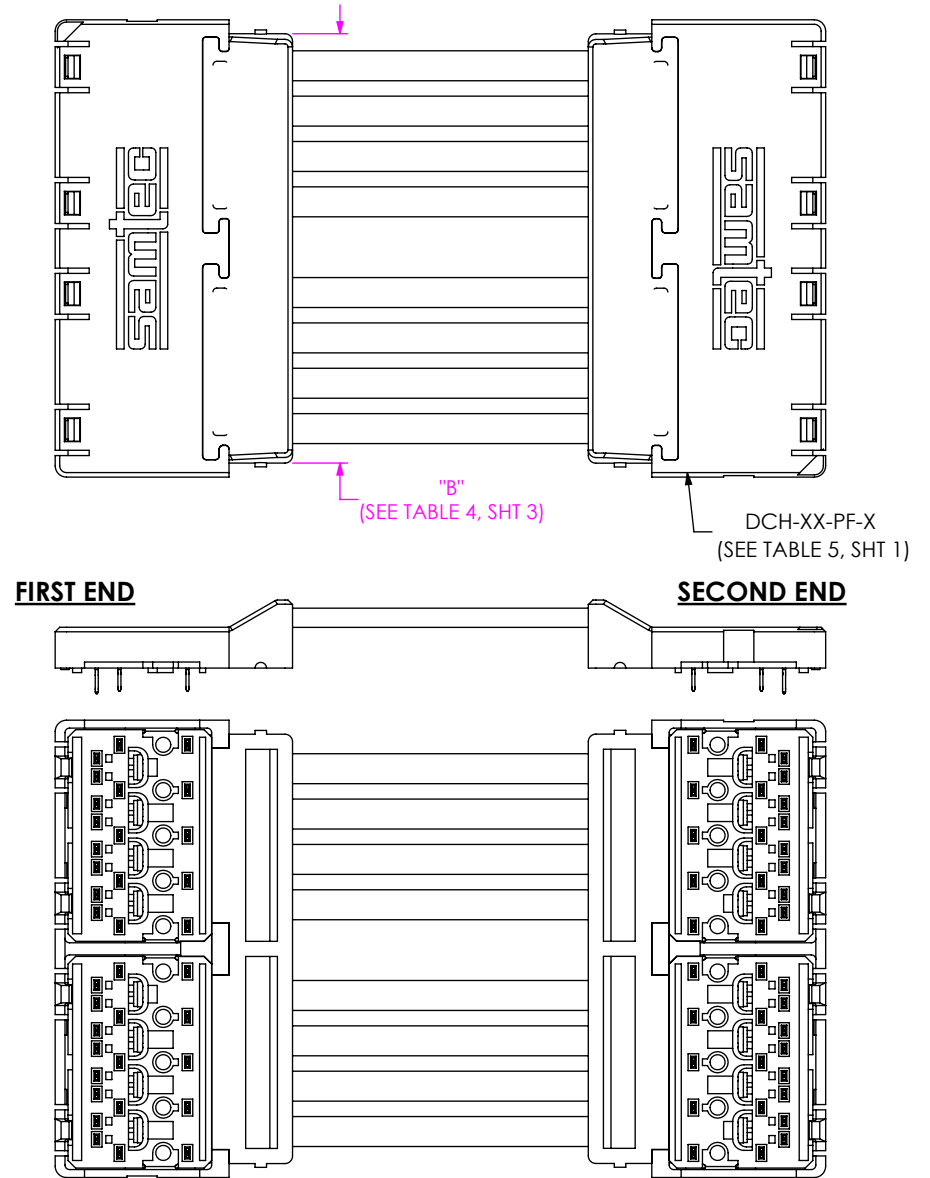


FIG 7
DCH-08-XX.X-X-PF-1-4-T SHOWN
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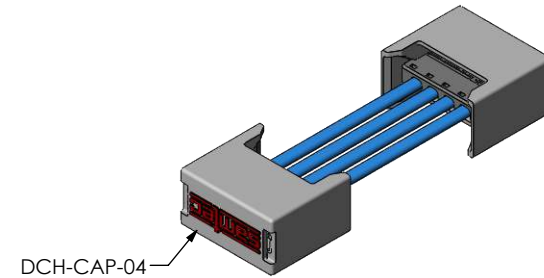
TABLE 2 (SECOND END OPTION -1; WIRING OPTION -1)

NO OF PAIRS		SIGNAL MAPPING																
-04	FIRST END	1	2	3	4	5	6	7	8	NUMBER OF GND PINS: 10								
	SECOND END	PAIR		PAIR		PAIR		PAIR										
-08	FIRST END	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	NUMBER OF GND PINS: 20
	SECOND END	PAIR		PAIR		PAIR		PAIR		PAIR		PAIR		PAIR				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
ALL GROUNDS ARE COMMON AND TIED TO CABLE SHIELD																		

TABLE 3 (SECOND END OPTION -1; WIRING OPTION -4)

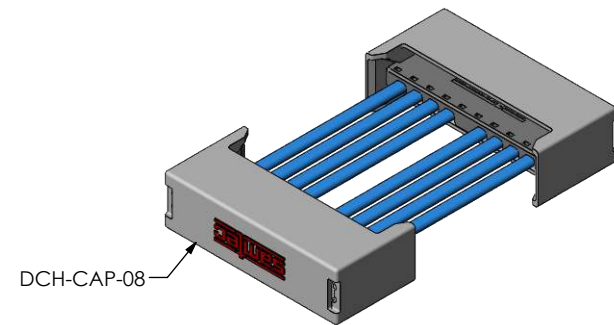
NO OF PAIRS		SIGNAL MAPPING																
-04	FIRST END	1	2	3	4	5	6	7	8	NUMBER OF GND PINS: 10								
	SECOND END	PAIR		PAIR		PAIR		PAIR										
-08	FIRST END	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	NUMBER OF GND PINS: 20
	SECOND END	PAIR		PAIR		PAIR		PAIR		PAIR		PAIR		PAIR				
		16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
ALL GROUNDS ARE COMMON AND TIED TO CABLE SHIELD																		

PACKAGING VIEW



DCH-CAP-04

-04 PAIRS



DCH-CAP-08

-08 PAIRS

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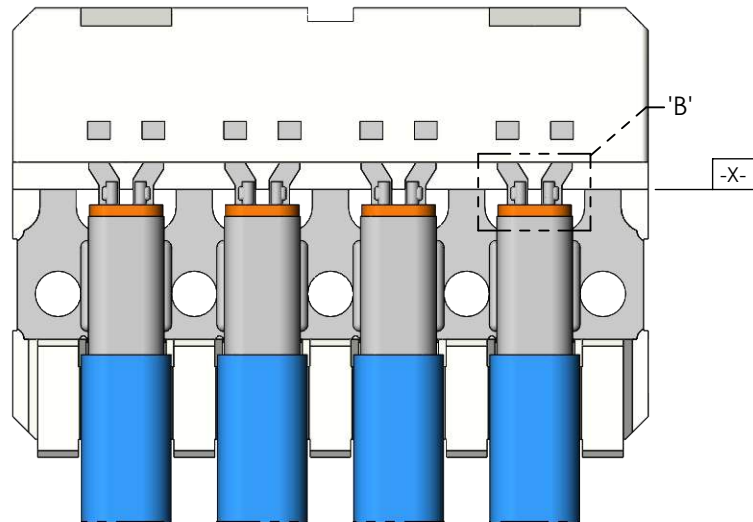
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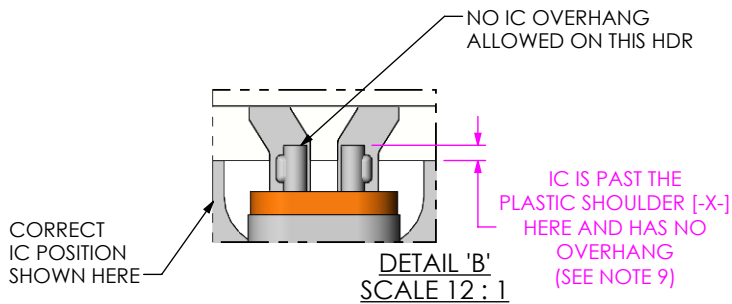
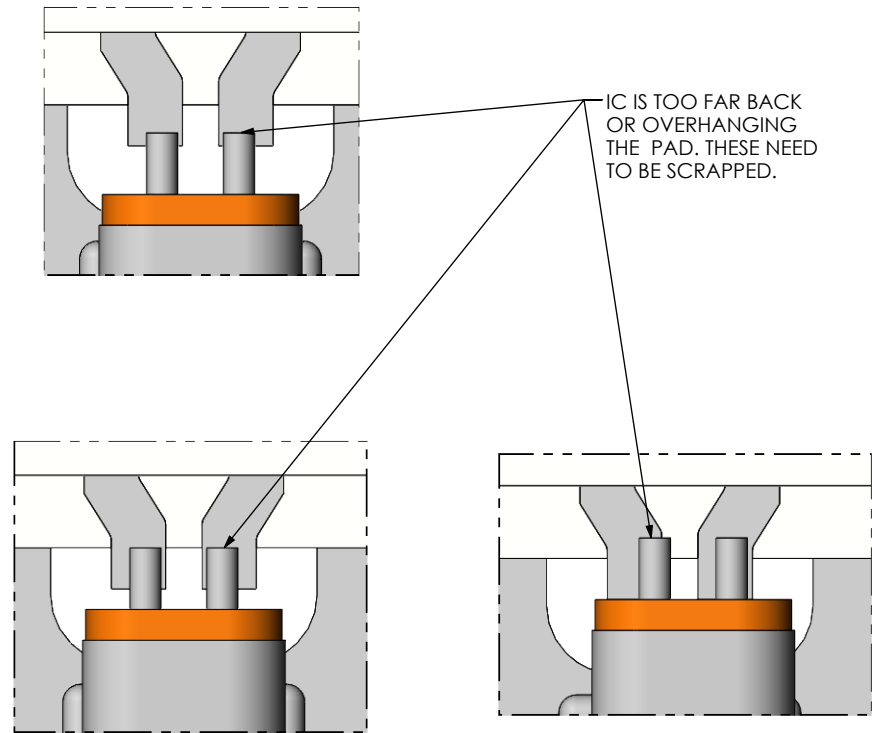
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HOTBAR IC ALIGNMENT VIEW



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