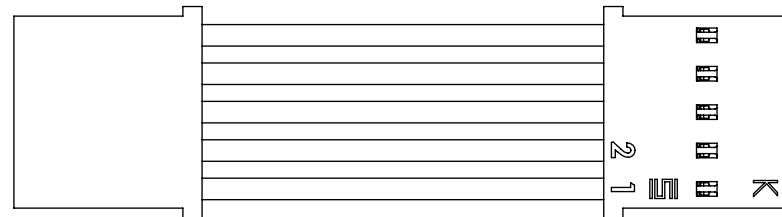
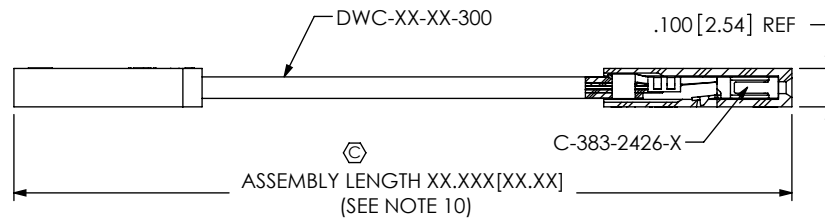
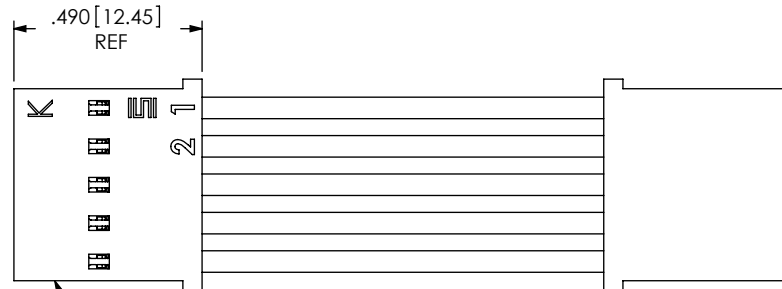


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TABLE 2	
WIRE GAUGE	WIRE PART NUMBER
-24	DWC-24-XX-300
-26	DWC-26-XX-300

DESIGNED & DIMENSIONED
IN INCHES[MILLIMETERS]

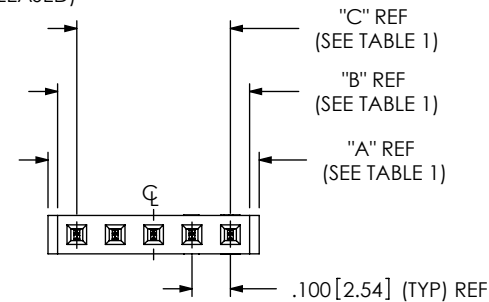
N (SEE TABLE 1)

01

SMSX-XX-XXX-X-XX.XX-X-X-XXX

ROW SPECIFICATION
-S: SINGLE ROW
-D: DOUBLE ROWNo OF POSITIONS
-02, -05, -10, -15, -20
(PER ROW) AVAILABLE AS STANDARD
-02 THRU -40 AVAILABLE AS ASOWIRE GAUGE (AWG)
-24, -26COLOR CODE
LEAVE BLANK FOR STANDARD WIRE
(SEE TABLE 2)
C: COLOR CODED WIRE
(SEE TABLE 3, SHT 4)PLATING SPECIFICATION
-L: 10μ" Au IN THE CONTACT AREA,
-F: 3μ" Au IN THE CONTACT AREA,

(* = NOT RELEASED)

OPTION
(MUST BE USED ON -D END OPTION
ONLY & APPLIES TO END 2 HOUSING)
-KUS: KEY OR "K", UP, STRAIGHT
-KDS: KEY OR "K", DOWN, STRAIGHT
*-KUX: KEY OR "K", UP, CROSSED
*-KDX: KEY OR "K", DOWN, CROSSEDOPTION
-K: KEY POLARIZATION
(USE ISXM-XX-K)
(LEAVE BLANK FOR NO POLARIZATION;
05 POS THRU 40 POS ONLY)END OPTION
-S: SINGLE END
-D: DOUBLE ENDASSEMBLY LENGTH
-03.00 IN MINIMUM
(SPECIFY IN INCHES)"C" REF
(SEE TABLE 1)"B" REF
(SEE TABLE 1)"A" REF
(SEE TABLE 1)

.100 [2.54] (TYP) REF

TABLE 1						
No. OF POS	-S: SINGLE ROW	-D: DOUBLE ROW		"A"	"B"	"C"
	N	N	N-1			
-02	02	04	03	.250 [6.35]	.200 [5.08]	.1000 [2.540]
-05	05	10	09	.550 [13.97]	.500 [12.70]	.4000 [10.160]
-10	10	20	19	1.050 [26.67]	1.000 [25.40]	.9000 [22.860]
-15	15	30	29	1.550 [39.37]	1.500 [38.10]	1.4000 [35.560]
-20	20	40	39	2.050 [52.07]	2.000 [50.80]	1.9000 [48.260]

FIG 1
SMSS-05-XXX-X-XX.XX-D-KDS
SHOWN

NOTES:

1. REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: .003[.08] MAX.
3. PARTS TO BE MOLDED TO POSITION.
4. MINIMUM PUSHOUT FORCE: .5 LBS[2.22 N].
5. CONTACT MUST BE INSERTED UNTIL RETENTION FEATURE LOCKS INTO PLACE.
6. ALL FINISHED GOODS ARE TO BE LAYER PACKAGED IN SHIPPING.
7. ALL PARTS TO PASS ELECTRICAL TEST UPON ASSEMBLY (INCLUDING HI-POT TEST AT 1000 VOLTS DC). AFTER FINAL ELECTRICAL TEST, LABEL EACH ASSEMBLY WITH 1 ET STAMP ON THE BODY.
8. APPLICATIONS INVOLVING SEVERE BENDING REQUIRE 6" MINIMUM CABLE LENGTH.
9. REFER TO CRIMP SPECIFICATIONS PRINT FOR CRIMP AND STRIP DIMENSIONS, TOLERANCES, TOOLING, AND ITS REQUIREMENTS.
10. FOR ASSEMBLY LENGTHS LESS THAN 12.00 IN, TOLERANCE SHALL BE ±.125[3.18]. FOR OTHER LENGTHS, TOLERANCES SHALL BE ± 2%.

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

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

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MATERIAL: DO NOT SCALE DRAWING

INSULATOR: PBT, COLOR: WHITE
CONTACT: PHOS BRONZE

SHEET SCALE: 2:1

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

DESCRIPTION:

.100[2.54] SOCKET DISCRETE CABLE ASSEMBLY

DWG. NO.

SMSX-XX-XXX-X-XX.XX-X-X-XXX

BY: VICKY Z

09/01/2011

SHEET 1 OF 6

c:\enterprisevault\DWG\MISC\MKTG\SMSS-XX-XXX-X-XX.XX-X-X-XXX-MKT.SLDDRW

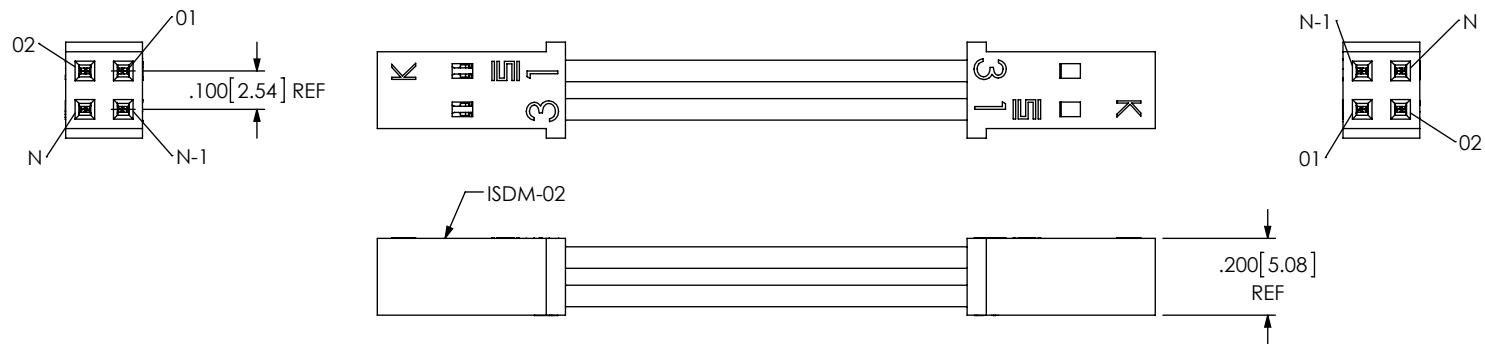


FIG 2
SMSD-02-XXX-X-XX.XX-D-KUS SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

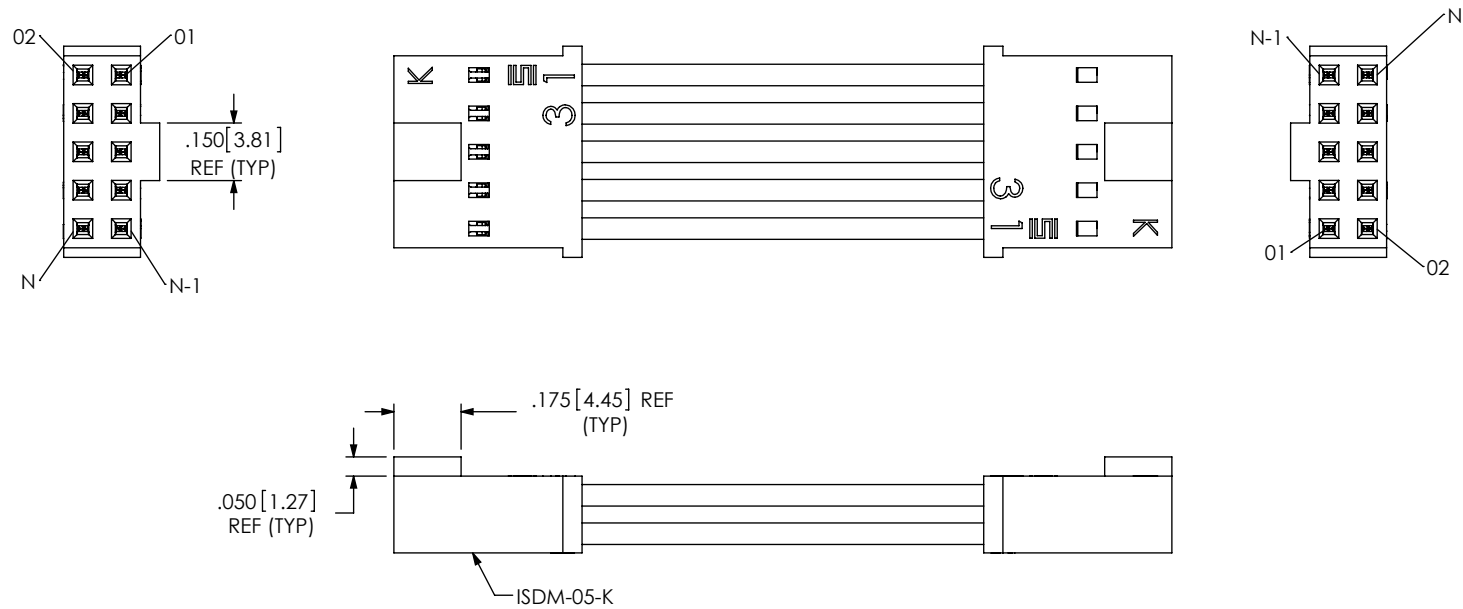


FIG 3
SMSD-05-XXX-X-XX.XX-D-K-KUS SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2)

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		DESCRIPTION: .100[2.54] SOCKET DISCRETE CABLE ASSEMBLY	
		DWG. NO. SMSX-XX-XXX-X-XX.XX-X-X-XXX	
		BY: VICKY Z	09/01/2011 SHEET 2 OF 6

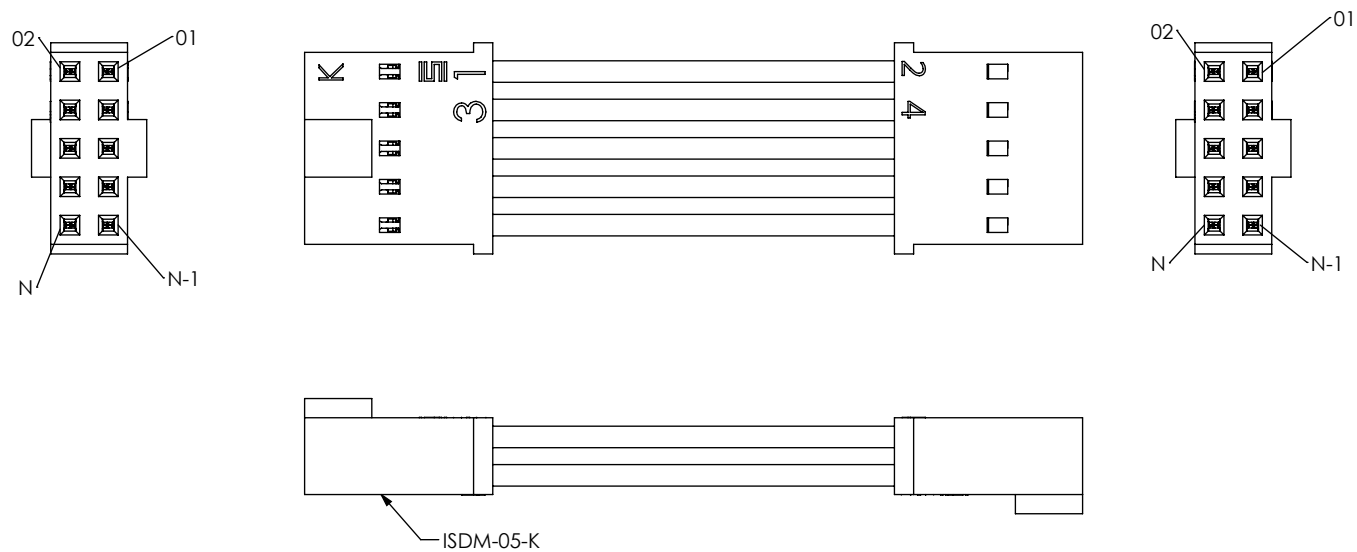


FIG 4
SMSD-05-XXX-X-XX.XX-D-K-KDS SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 3)

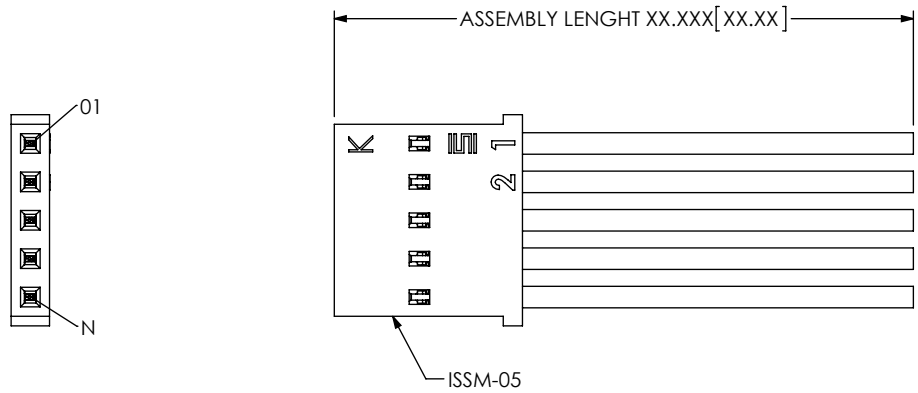



FIG 5
SMSS-05-XXX-X-XX.XX-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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	DESCRIPTION: .100[2.54] SOCKET DISCRETE CABLE ASSEMBLY	
	DWG. NO. SMSX-XX-XXX-X-XX.XX-X-X-XXX	
	BY: VICKY Z	09/01/2011

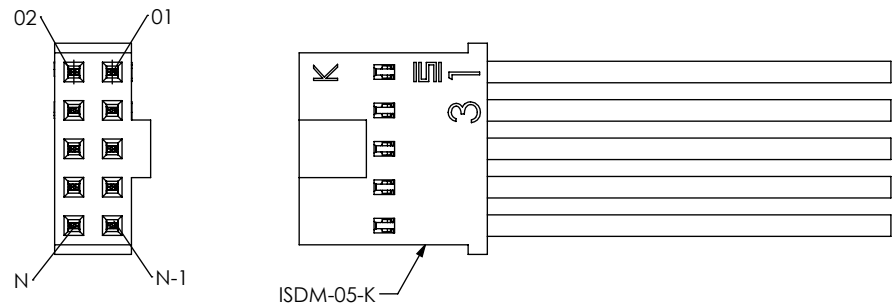


FIG 6
SMSD-05-XXX-X-XX.XX-S-K SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 3)

TABLE 3										
SMSX COLOR CODED WIRE SEQUENCE										
	COLOR									
	BROWN	RED	ORANGE	YELLOW	GREEN	BLUE	VIOLET	GRAY	WHITE	BLACK
	DWC-XX-01-300	DWC-XX-02-300	DWC-XX-03-300	DWC-XX-04-300	DWC-XX-05-300	DWC-XX-13-300	DWC-XX-07-300	DWC-XX-08-300	DWC-XX-09-300	DWC-XX-10-300
PIN #	1	2	3	4	5	6	7	8	9	10
	11	12	13	14	15	16	17	18	19	20
	21	22	23	24	25	26	27	28	29	30
	31	32	33	34	35	36	37	38	39	40
	41	42	43	44	45	46	47	48	49	50
	51	52	53	54	55	56	57	58	59	60
	61	62	63	64	65	66	67	68	69	70
	71	72	73	74	75	76	77	78	79	80

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e-Mail info@SAMTEC.com code 55322

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.100[2.54] SOCKET DISCRETE CABLE ASSEMBLY

DWG. NO.
SMSX-XX-XXX-X-XX.XX-X-X-XXX

BY: VICKY Z 09/01/2011 SHEET 4 OF 6

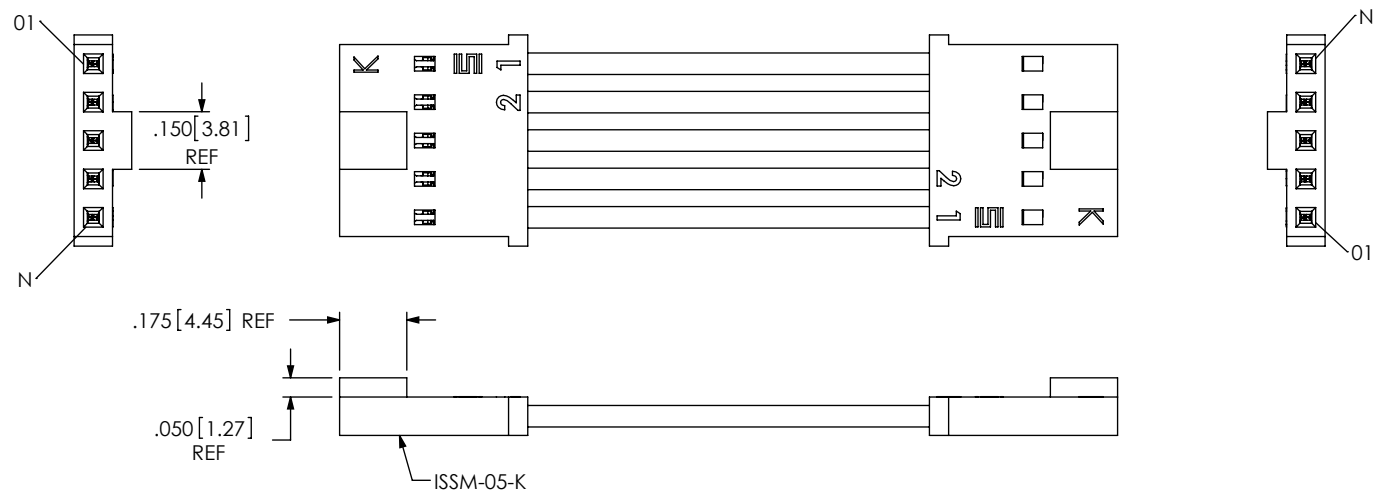


FIG 7
SMSS-05-XXX-X-XX.XX-D-K-KUS SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

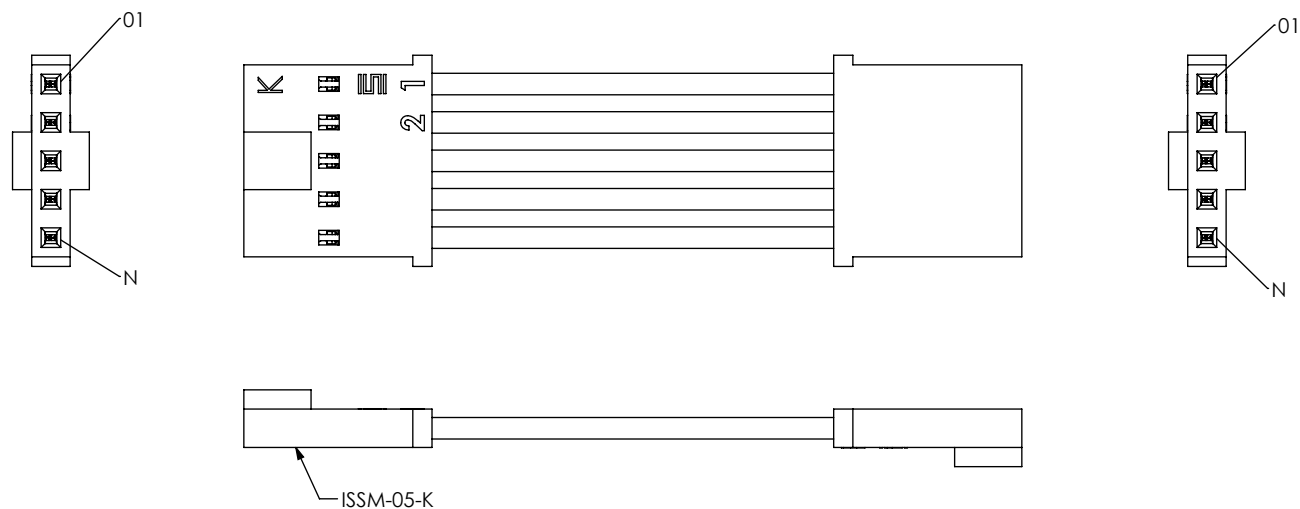



FIG 8
SMSS-05-XXX-X-XX.XX-D-K-KDS SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 7)

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<p>DESCRIPTION: .100[2.54] SOCKET DISCRETE CABLE ASSEMBLY</p>		<p>DWG. NO. SMSX-XX-XXX-X-XX.XX-X-X-XXX</p>
<p>BY: VICKY Z 09/01/2011</p>		
		<p>SHEET 5 OF 6</p>

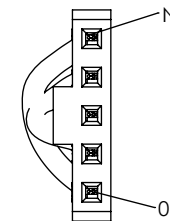
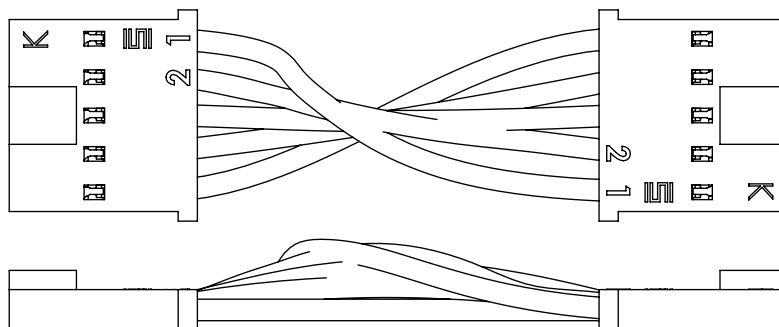
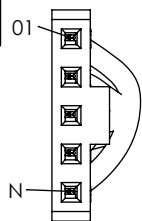


FIG 9
SMSS-05-XXX-X-XX.XX-D-K-KUX SHOWN
(PIN 1 TO PIN 1, CROSSED)
(NOT RELEASED)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 7)

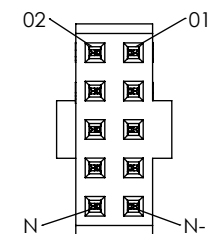
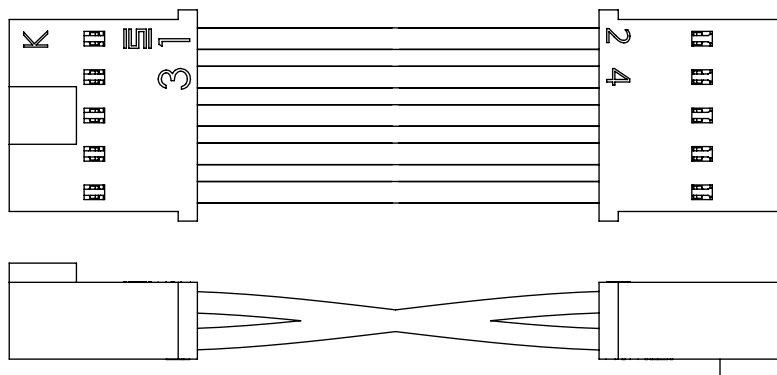
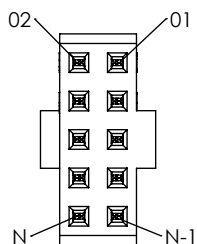


FIG 10
SMSD-05-XXX-X-XX.XX-D-K-KDX SHOWN
(PIN 1 TO PIN 1, CROSSED)
(NOT RELEASED)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

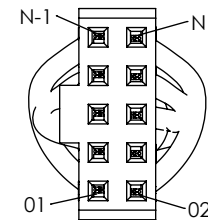
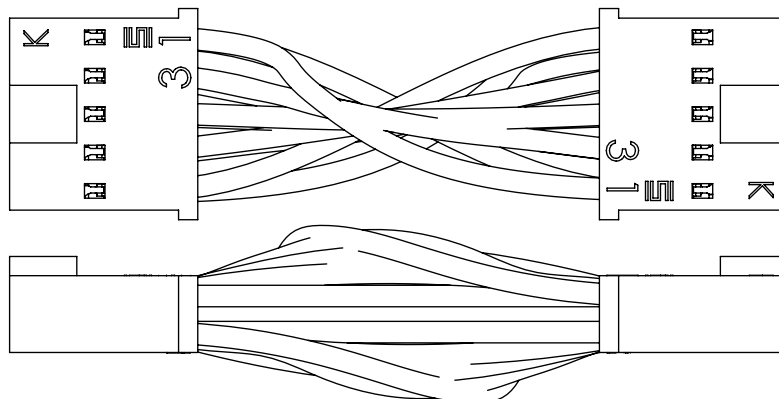
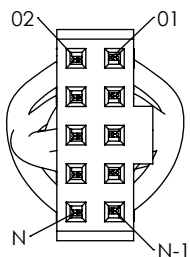


FIG 11
SMSD-05-XXX-X-XX.XX-D-K-KUX SHOWN
(PIN 1 TO PIN 1, CROSSED)
(NOT RELEASED)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 3)

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.100[2.54] SOCKET DISCRETE CABLE ASSEMBLY

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