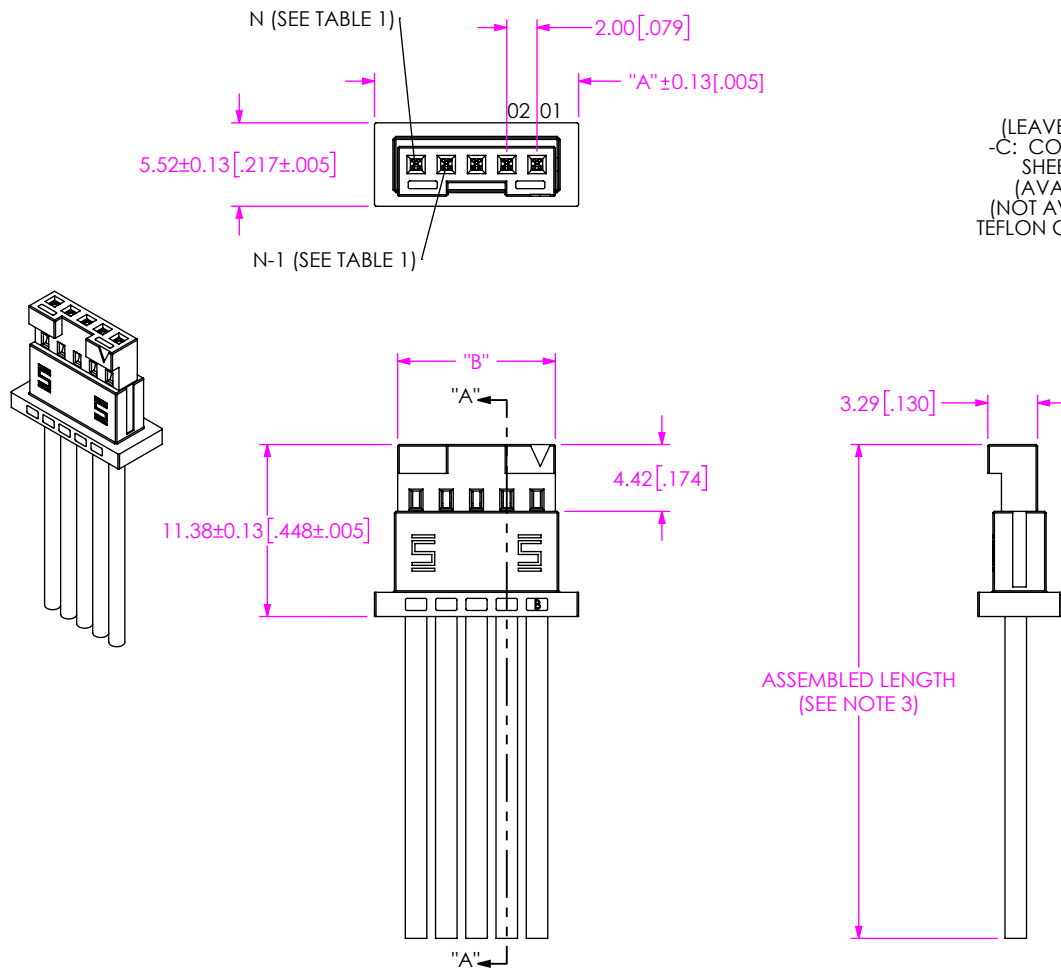


DO NOT
SCALE FROM
THIS PRINTDESIGNED & DIMENSIONED IN MILLIMETERS[INCHES]
ALL DIMENSIONS REFERENCE EXCEPT AS SHOWNFIG 1
S2SSX-05-24-X-XX.XX-S SHOWN

NOTES:

1. TINNED COPPER WIRE IS RoHS COMPLIANT.
2. PARTS TO BE LAYER PACKAGED.
3. FOR LENGTHS OF 12.00 INCHES AND LESS, TOLERANCE TO BE $\pm 3.18[.125]$,
FOR LENGTHS GREATER THAN 12.00 INCHES, TOLERANCE TO BE $\pm 2\%$
4. DUAL POLARIZATION FEATURE NOT AVAILABLE ON BODIES LESS THAN 5 POSITIONS.
5. THE PRODUCTS WITH OPTION -DS AND -SS SHOULD BE PACKAGED IN BUBBLE BAGS.

S2SSX-XX-XXX-XX-XX.XX-XX-XXX

TEFLON CABLE OPTION
-T: TEFLON (AVAILABLE WITH
24, 28 & 30AWG ONLY)
(LEAVE BLANK FOR STANDARD
PVC INSULATION)

No OF POSITIONS
-02 THRU -20

WIRE GAUGE (AWG)
-24, -26, -28, & 30

COLOR CODE
(LEAVE BLANK FOR ALL BLACK WIRE)
-C: COLOR CODED WIRE, SEE TABLE 2,
SHEET 3 FOR COLOR SEQUENCE
(AVAILABLE WITH 24 AWG ONLY)
(NOT AVAILABLE FOR TEFLON OPTION,
TEFLON CABLE ONLY AVAILABLE IN BLUE)

PLATING SPECIFICATION
-L: LIGHT SELECTIVE
-S: SELECTIVE

-NXX OPTION (END 2)
(ONLY AVAILABLE WITH -D, -DR, -DS)
-NUS: NOTCH UP, STRAIGHT
(PIN 1 TO N) (SEE FIG 2, SHT 2)
-NDS: NOTCH DOWN, STRAIGHT
(PIN 1 TO 1) (SEE FIG 3, SHT 2)

END OPTION
-S: SINGLE ENDED (SEE FIG 1)
-D: DOUBLE ENDED (SEE FIG'S 2, 3, 4, 6 & 8)
-SR: SINGLE ENDED WITH RETENTION LATCH
(SEE FIG 5, SHT 2)
-DR: DOUBLE ENDED WITH RETENTION LATCH
(SEE FIG 6, SHT 2)
*-SS: DUAL SCREW DOWN, SINGLE ENDED CABLE
(SEE FIG 7, SHT 3)
*-DS: DUAL SCREW DOWN, DOUBLE ENDED CABLE
(SEE FIG 8, SHT 3)

ASSEMBLED LENGTH
SPECIFY IN INCHES
SINGLE ENDED: 02.75 INCH MINIMUM
DOUBLE ENDED: 02.75 INCH MINIMUM

(* = NOT TOOLED)

TABLE 1					
No OF POSITIONS	N	N-1	"A"	"B"	"C"
-02	NA	NA	7.500 [.2953]	4.430 [.1744]	12.290 [.4839]
-03	3	2	9.500 [.3740]	6.430 [.2531]	14.290 [.5626]
-04	4	3	11.500 [.4528]	8.430 [.3319]	16.290 [.6413]
-05	5	4	13.500 [.5315]	10.430 [.4106]	18.290 [.7201]
-06	6	5	15.500 [.6102]	12.430 [.4894]	20.290 [.7988]
-07	7	6	17.500 [.6890]	14.430 [.5681]	22.290 [.8776]
-08	8	7	19.500 [.7677]	16.430 [.6469]	24.290 [.9563]
-09	9	8	21.500 [.8465]	18.430 [.7256]	26.290 [1.0350]
-10	10	9	23.500 [.9252]	20.430 [.8043]	28.290 [1.1138]
-11	11	10	25.500 [1.0039]	22.430 [.8831]	30.290 [1.1925]
-12	12	11	27.500 [1.0827]	24.430 [.9618]	32.290 [1.2713]
-13	13	12	29.500 [1.1614]	26.430 [1.0406]	34.290 [1.3500]
-14	14	13	31.500 [1.2402]	28.430 [1.1193]	36.290 [1.4287]
-15	15	14	33.500 [1.3189]	30.430 [1.1980]	38.290 [1.5075]
-16	16	15	35.500 [1.3976]	32.430 [1.2768]	40.290 [1.5862]
-17	17	16	37.500 [1.4764]	34.430 [1.3555]	42.290 [1.6650]
-18	18	17	39.500 [1.5551]	36.430 [1.4343]	44.290 [1.7437]
-19	19	18	41.500 [1.6339]	38.430 [1.5130]	46.290 [1.8224]
-20	20	19	43.500 [1.7126]	40.430 [1.5917]	48.290 [1.9012]

* PROPRIETARY NOTE *

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MATERIAL: DO NOT SCALE DRAWING
INSULATOR: LCP, COLOR: BLACK SHEET SCALE: 2:1
CONTACT: 86CU
CABLE INSULATION
S2SS: PVC, COLOR: (SEE 'COLOR CODE')
S2ST: TEFLON, COLOR: BLUE
CABLE WIRE
S2SS: TINNED COPPER
S2ST: SILVERED COPPER OR TINNED COPPER

samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
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e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
2.00mm SINGLE ROW SOCKET DISCRETE CABLE ASSEMBLY

DWG. NO.
S2SSX-XX-XXX-XX-XX.XX-XX-XXX

BY: DOSSEY D 6/4/2025 SHEET 1 OF 3

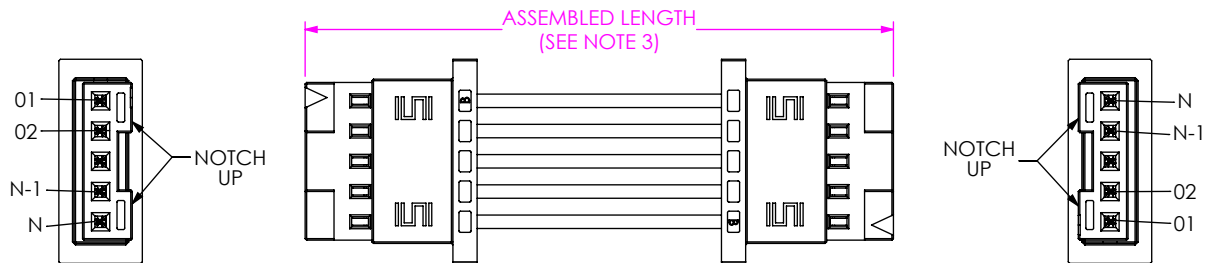


FIG 2
(S2SSX-05-28-X-XX.XX-D-NUS SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)
(PIN 01 TO N)

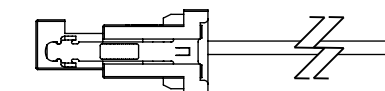
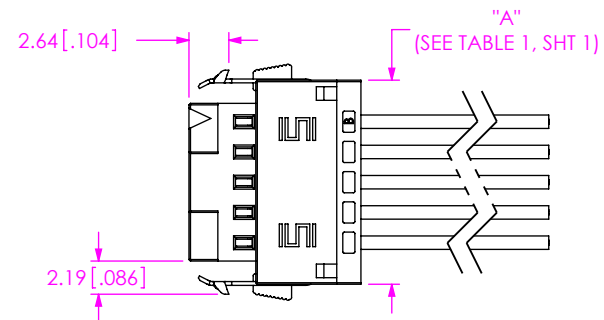


FIG 5
(S2SSX-05-28-X-XX.XX-SR SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)

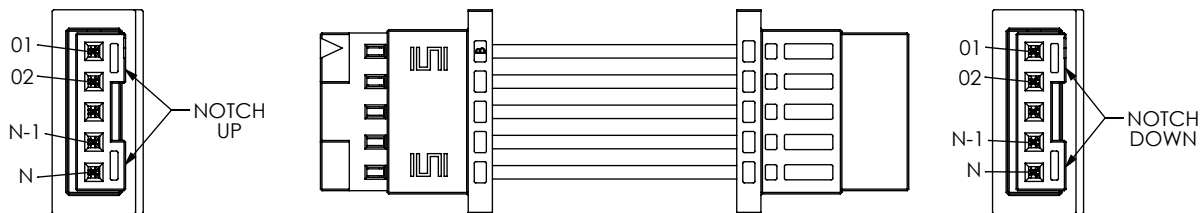


FIG 3
(S2SSX-05-28-X-XX.XX-D-NDS SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)
(PIN 01 TO 01)

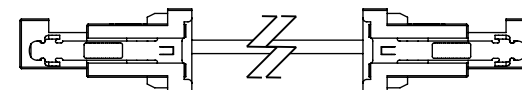
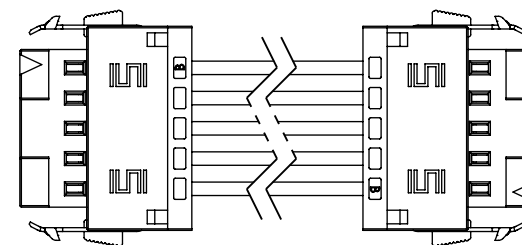


FIG 6
(S2SSX-05-28-X-XX.XX-DR-NUS SHOWN)
(SAME AS FIG 5, EXCEPT AS SHOWN)

c:\enterprisevault\DWG\MISC\MKTG\S2SSX-XX-XXX-XX-XX.XX-XXX-MKT.SLDDRW

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e-Mail info@SAMTEC.com code 55322

DO NOT SCALE DRAWING

SHEET SCALE: 2:1

DESCRIPTION:
2.00mm SINGLE ROW SOCKET DISCRETE CABLE ASSEMBLY

DWG. NO.
S2SSX-XX-XXX-XX-XX.XX-XX-XXX

BY: DOSSEY D 6/4/2025 SHEET 2 OF 3

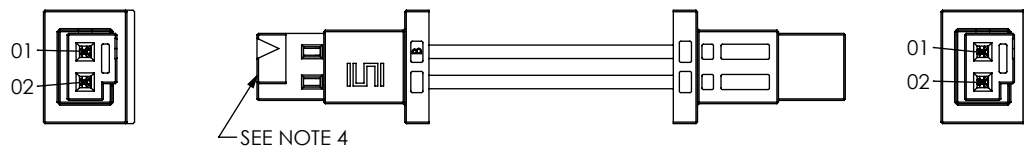


FIG 4
(S2SSX-02-28-X-XX.XX-D-NDS SHOWN)
(SAME AS FIG 3, EXCEPT AS SHOWN)
(PIN 01 TO 01)

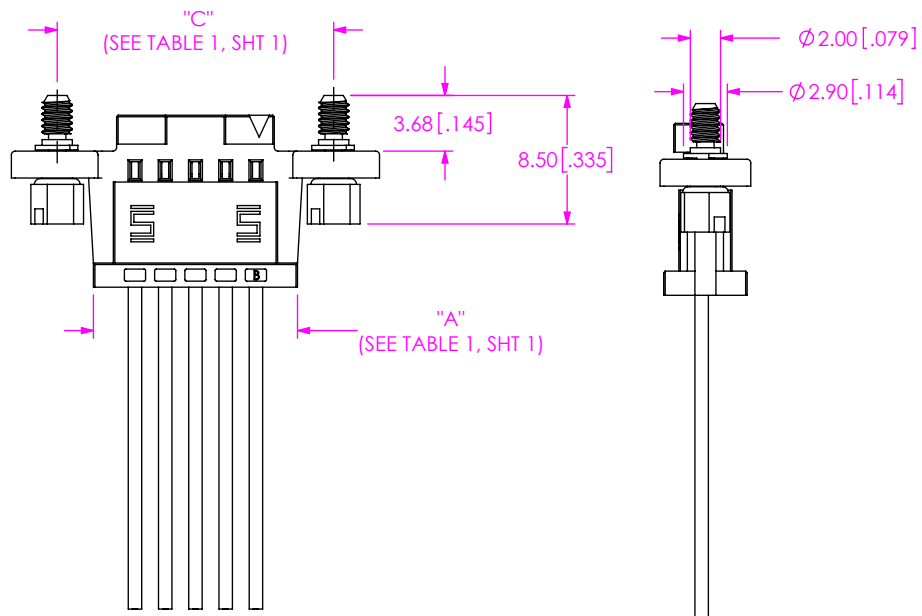


FIG 7
-SS: SINGLE ENDED WITH SCREW DOWN
(S2SSX-05-28-X-XX.XX-SS SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)

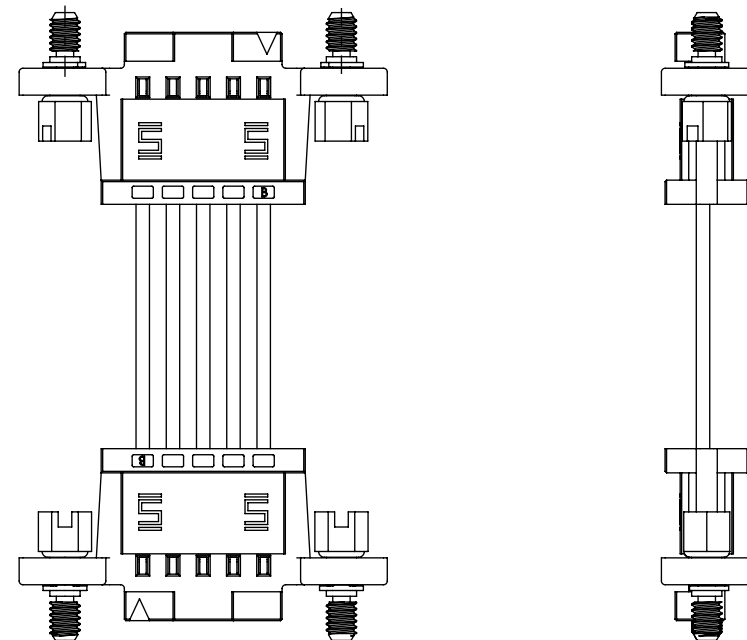


FIG 8
-DS: DOUBLE ENDED WITH SCREW DOWN
(S2SSX-05-28-X-XX.XX-DS-NUS SHOWN)
(SAME AS FIG 7, EXCEPT AS SHOWN)

TABLE 2										
POS #	COLOR SEQUENCE									
	BROWN	RED	ORANGE	YELLOW	GREEN	VIOLET	GRAY	WHITE	BLACK	BLUE
	1	2	3	4	5	6	7	8	9	10
	11	12	13	14	15	16	17	18	19	20

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SHEET SCALE: 2:1

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BY: DOSSEY D 6/4/2025 SHEET 3 OF 3