REVISION J

DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN MILLIMETERS[INCHES]

S1SSX-XX-XXX-XX-XX.XX-LX

FEP CABLE OPTION
-T: FEP INSULATION
LEAVE BLANK FOR PVC
(SEE NOTE 8)

No OF POSITIONS
-02 THRU -20

WIRE GAUGE (AWG)
-28, -30

COLOR CODE
-C: COLOR CODE WIRE
(SEE TABLE 2, SHT 2)
LEAVE BLANK FOR STANDARD WIRE
(SEE TABLE 1, SHT 2)
NOT AVAILABLE FOR TEFLON OPTION, TEFLON CABLE ONLY AVAILABLE IN BLUE

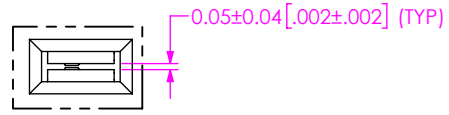
PLATING SPECIFICATION
* -T: BRIGHT ACID TIN CONTACT AND TAIL
-GF: 3µ" GOLD CONTACT AND TAIL

ASSEMBLED LENGTH
(SPECIFY IN INCHES) 01.80 IN MINIMUM

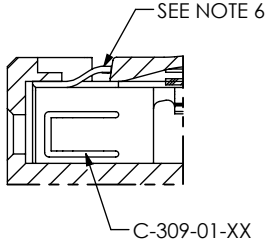
LATCH OPTION
-L: PLASTIC LATCH

PINOUT
(LEAVE BLANK FOR SINGLE END ASSEMBLY)
-1: LATCH DOWN, STRAIGHT
(PIN 1 TO PIN 1, SEE FIG 2, SHT 2)
-3: LATCH UP, STRAIGHT
(PIN 1 TO PIN N, SEE FIG 3, SHT 2)

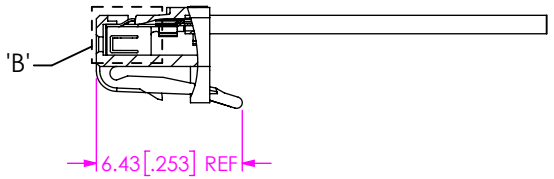
* = EXISTING CUSTOMERS ONLY

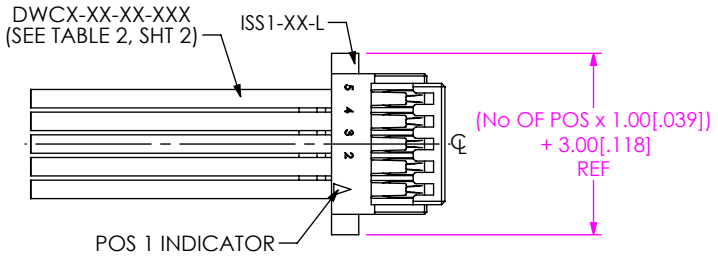


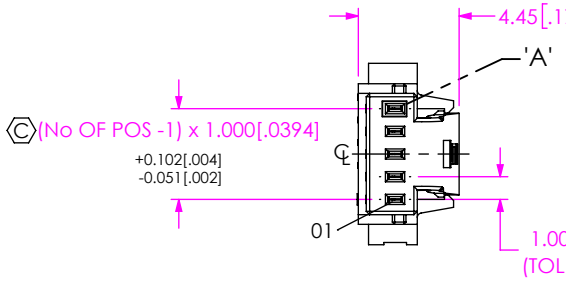
DETAIL 'A'
SCALE 16 : 1



DETAIL 'B'
SCALE 8 : 1







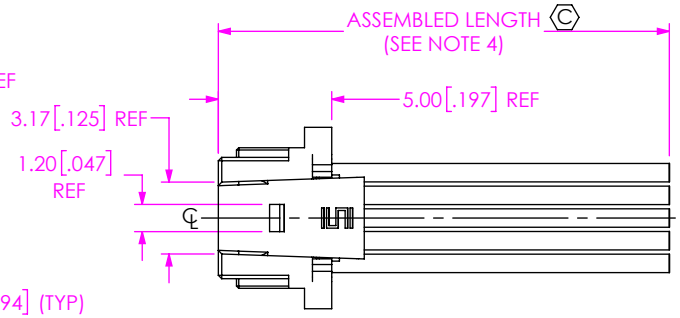


FIG 1
S1SS-05-XXX-XX-XX.XX-L SHOWN

NOTES:

1. Ⓒ REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: SIGNAL: 4.445N[1.0 LB].
3. PARTS TO BE PACKAGED PER PACKAGING MANUAL.
4. FOR ASSEMBLIED LENGTHS LESS THAN 13.00 IN, TOLERANCE SHALL BE ± 3.18[.125], FOR OTHER LENGTHS, TOLERANCE SHALL BE ± 2%.
5. REFER TO CRIMP SPECIFICATIONS FOR CRIMP AND STRIP DIMENSIONS, TOLERANCES, TOOLING, AND ITS REQUIREMENTS.
6. Ⓒ CONTACT MUST BE INSERTED UNTIL RETENTION FEATURE LOCKS IN PLACE.
7. Ⓒ ASSEMBLIES TO BE ELECTRICAL TESTED INCLUING HI-POT TEST @ 1000 VOLTS DC. AFTER FINAL ELECTRICAL TEST, MARK EACH ASSEMBLY PER INSTRUCTIONS REFERENCED IN CO-{AD-ID}-WI-3092-M.
8. ASSEMBLIES USING THE FEP OPTION ARE FOR CRIMP APPLICATIONS ONLY.

F:\DWG\MISC\MKTG\S1SSX-XX-XXX-XX-XX.XX-LX-MKT.SLDDRW

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]

* PROPRIETARY NOTE *
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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 3:1

INSULATOR: NYLON, COLOR: LIGHT GREEN

CONTACT: PHOS BRONZE

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:
1MM CABLE ASSEMBLY

DWG. NO.
S1SSX-XX-XXX-XX-XX.XX-LX

BY: JESSIE W 8/22/2014 SHEET 1 OF 2

REVISION J

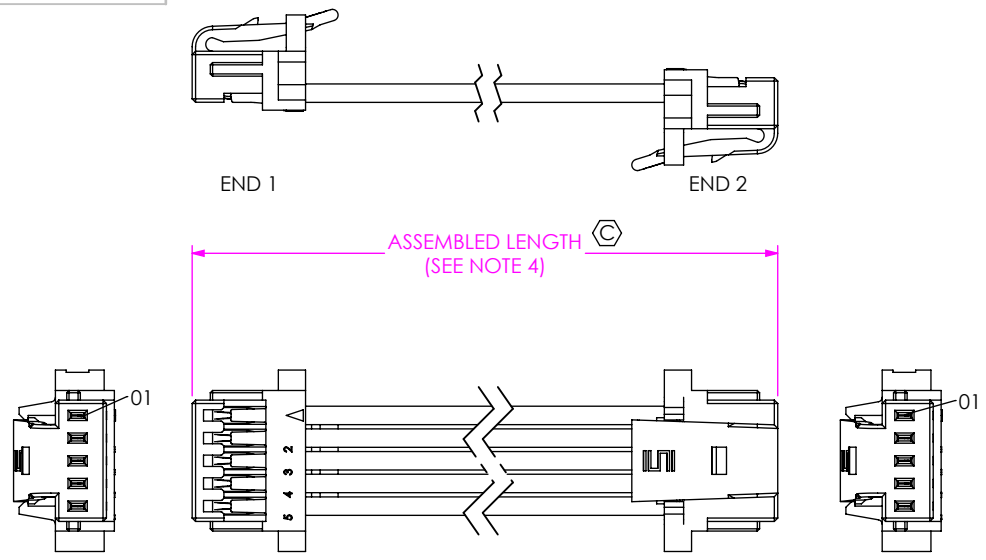


FIG 2
S1SS-05-XXX-XX-XX.XX-L1 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

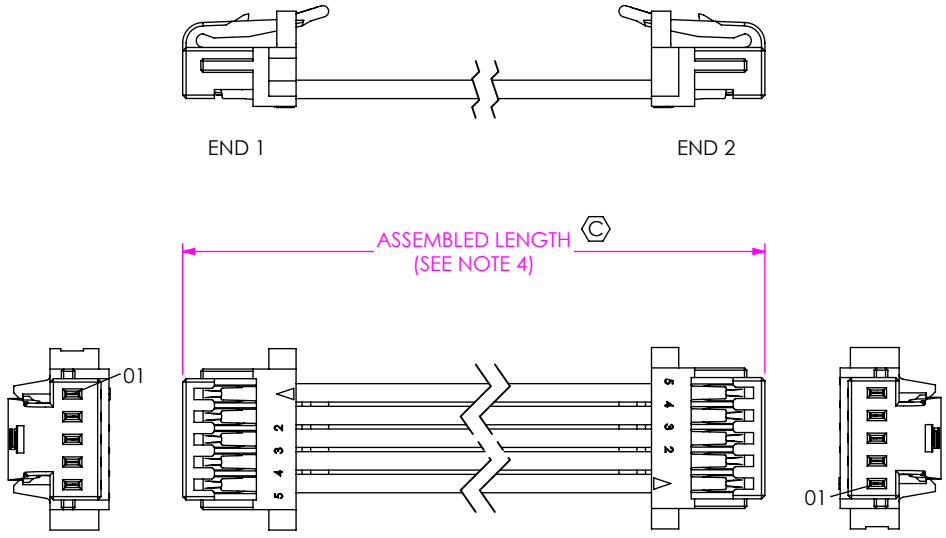


FIG 3
S1SS-05-XXX-XX-XX.XX-L3 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

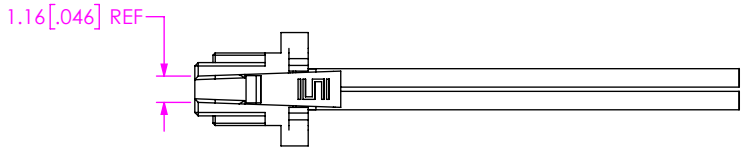


FIG 4
S1SS-02-XXX-XX-XX.XX-L SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(FOR POSITIONS -02 THRU -04)

TABLE 1

WIRE GAUGE	INSULATION	WIRE PART NUMBER
-28	PVC	DWC-28-10-300
	FEP	DWCT-28-01-TC
-30	PVC	DWC-30-10-300
	FEP	DWCT-30-01-TC

TABLE 2
S1SS 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

TABLE 3
(OVERALL LENGTH SUBTRACTORS)

	LENGTH
-S: SINGLE END	.110 [2.79]
-D: DOUBLE END	.220 [5.59]

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DO NOT SCALE DRAWING

SHEET SCALE: 3:1

F:\DWG\MISC\MKTG\S1SSX-XX-XXX-XX-XX.XX-LX-MKT.SLDDRW

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: 1MM CABLE ASSEMBLY

DWG. NO. S1SSX-XX-XXX-XX-XX.XX-LX

BY: JESSIE W 8/22/2014 SHEET 2 OF 2

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SEAF-20-06.5-S-06-2-A-K-TR SQT-110-01-L-S-RA BBL-102-T-E ERF8-035-05.0-L-DV-K-TR
MMT-110-01-L-DH SLM-118-01-G-S CES-108-02-T-S ESQ-106-33-L-D FTSH-110-01-L-D-K
LSS-140-01-L-DV-A SFM-115-02-S-D-A-P FJ-15-D-15.75-4 HTST-108-01-L-DV-P-TR MMS-110-01-L-SV
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