

DO NOT
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THIS PRINT

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 WITH S1SST

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)

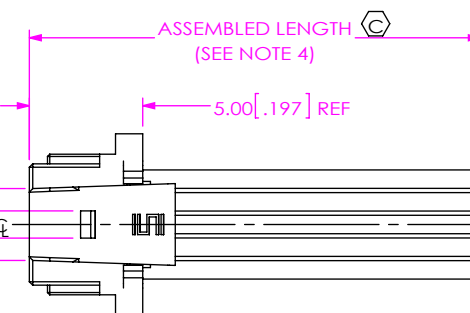
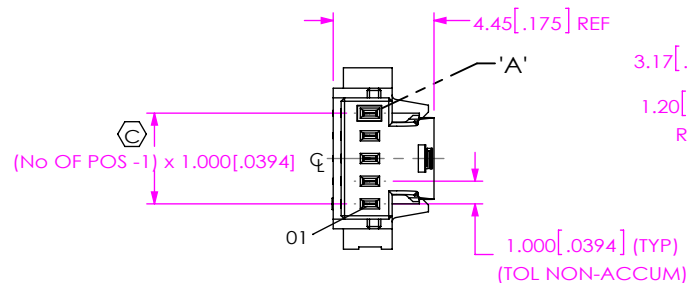
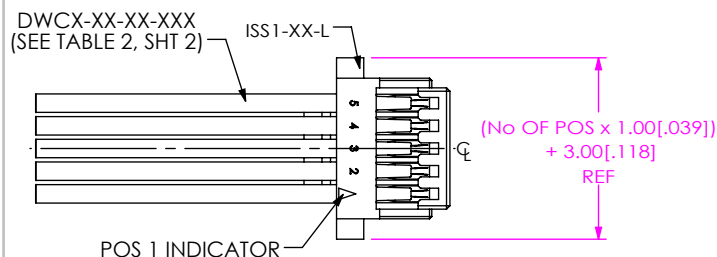
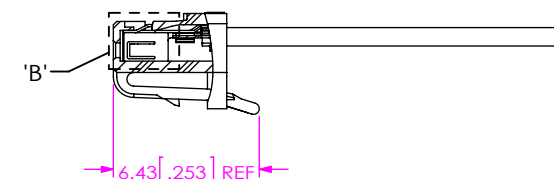
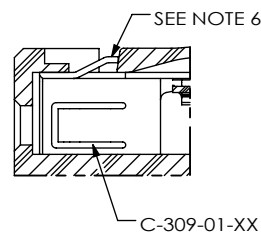
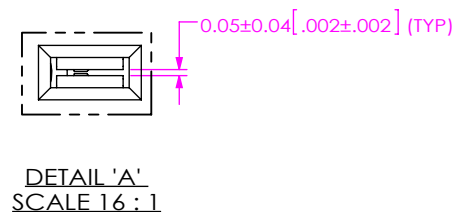
LATCH OPTION

-L: PLASTIC LATCH

ASSEMBLED LENGTH

(SPECIFY IN INCHES) 01.80 IN MINIMUM

PLATING SPECIFICATION

-T: BRIGHT ACID TIN TIN CONTACT AND TAIL
-GF: 3μ" GOLD CONTACT AND TAILFIG 1
S1SS-05-XXX-XX-XX.XX-L SHOWN

NOTES:

- REPRESENTS A CRITICAL DIMENSION.
- MINIMUM PUSHOUT FORCE: SIGNAL: 4.445N[1.0 LB].
- PARTS TO BE PACKAGED IN BAG.
- FOR ASSEMBLED LENGTHS LESS THAN 13.00 IN, TOLERANCE SHALL BE ± 3.18 [.125], FOR OTHER LENGTHS, TOLERANCE SHALL BE $\pm 2\%$.
- REFER TO CRIMP SPECIFICATIONS FOR CRIMP AND STRIP DIMENSIONS, TOLERANCES, TOOLING, AND ITS REQUIREMENTS.
- CONTACT MUST BE INSERTED UNTIL RETENTION FEATURE LOCKS IN PLACE.
- ALL FINISHED GOODS ARE TO BE ELECTRICALLY TESTED INCLUDING HI-POT TEST AT 1000 VOLTS DC. AFTER FINAL ELECTRICAL TEST, LABEL WITH 1 ET STAMP ON THE BODY.
- ASSEMBLIES USING THE FEP OPTION ARE FOR CRIMP APPLICATIONS ONLY.

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: DO NOT SCALE DRAWING

INSULATOR: NYLON, COLOR: WHITE

CONTACT: PHOS BRONZE

SHEET SCALE: 3:1

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

DESCRIPTION:

1MM CABLE ASSEMBLY

DWG. NO.

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

BY: JESSIE W 8/22/2014

SHEET 1 OF 2

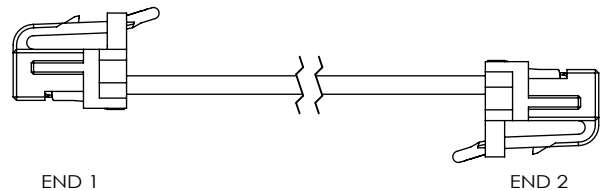


FIG 2
S1SS-05-XXX-XX-XX.XX-L1 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

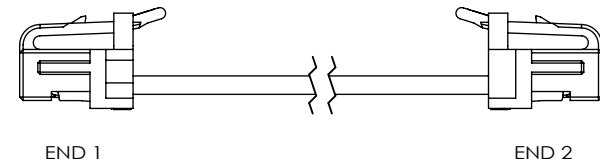


FIG 3
S1SS-05-XXX-XX-XX.XX-L3 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

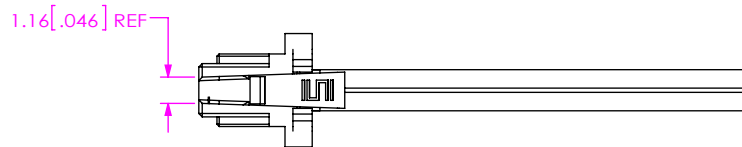


FIG 4
S1SS-02-XXX-XX-XX.XX-L SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(FOR POSITIONS -02 THRU -04)

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										
PIN #	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
	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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1MM CABLE ASSEMBLY

DWG. NO.
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BY: JESSIE W 8/22/2014 SHEET 2 OF 2