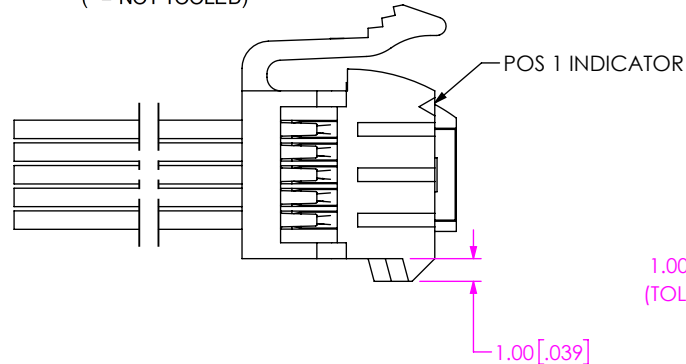


DO NOT
SCALE FROM
THIS PRINT

TABLE 1		
No OF POS	"A"	"X"
-02	1.000 [.0394]	4.400 [.1732]
-03	2.000 [.0787]	5.400 [.2126]
-04	3.000 [.1181]	6.400 [.2520]
-05	4.000 [.1575]	7.400 [.2913]
-06	5.000 [.1969]	8.400 [.3307]
-07	6.000 [.2362]	9.400 [.3701]
-08	7.000 [.2756]	10.400 [.4094]
-09	8.000 [.3150]	11.400 [.4488]
-10	9.000 [.3543]	12.400 [.4882]
*-11	10.000 [.3937]	13.400 [.5276]
*-12	11.000 [.4331]	14.400 [.5669]
*-13	12.000 [.4724]	15.400 [.6063]
*-14	13.000 [.5118]	16.400 [.6457]
*-15	14.000 [.5512]	17.400 [.6850]
*-16	15.000 [.5906]	18.400 [.7244]
*-17	16.000 [.6299]	19.400 [.7638]
*-18	17.000 [.6693]	20.400 [.8031]
*-19	18.000 [.7087]	21.400 [.8425]
*-20	19.000 [.7480]	22.400 [.8819]

(* = NOT TOOLED)

FIG 1
T1PSX-05-XXX-XX-XX.X-A SHOWNDESIGNED & DIMENSIONED
IN MILLIMETERS[INCHES]
ALL DIMENSION REFERENCE

T1XSX-XX-XXX-XX-XX.X-X-XX

PANEL

**-P: PANEL MOUNT
-S: NON-PANEL MOUNT

FEP CABLE OPTION

-T: FEP INSULATION
LEAVE BLANK FOR PVC
(SEE NOTE 7)

No OF POSITIONS

-02 THRU -10
*-11 THRU *-20
(PER ROW)

WIRE GAUGE (AWG)

-28, -30

COLOR CODE

-C: COLOR CODE WIRE
(SEE TABLE 2, SHT 2)
(LEAVE BLANK FOR STANDARD WIRE)
(NOT AVAILABLE WITH FEP OPTION)

PINOUT

(LEAVE BLANK FOR SINGLE END ASSEMBLY)
***-D1: DOUBLE ENDED DOWN
***-D3: DOUBLE ENDED UP
-T1: TRANSFER TO SOCKET DOWN
-T3: TRANSFER TO SOCKET UP

PANEL OPTION

(LEAVE BLANK FOR NON-PANEL MOUNT)
A: FITS 0.84, 1.57, & 2.29 THICK PANELS

ASSEMBLED LENGTH

(SPECIFY IN INCHES) 01.8 IN MINIMUM

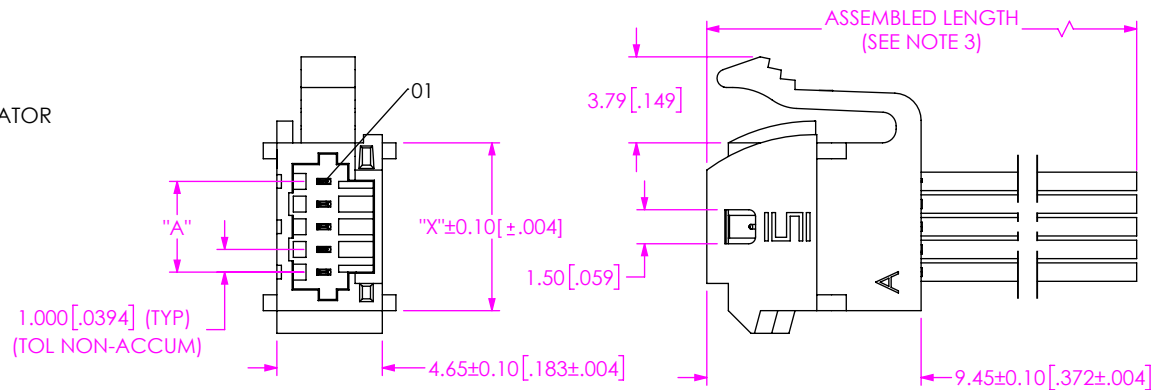
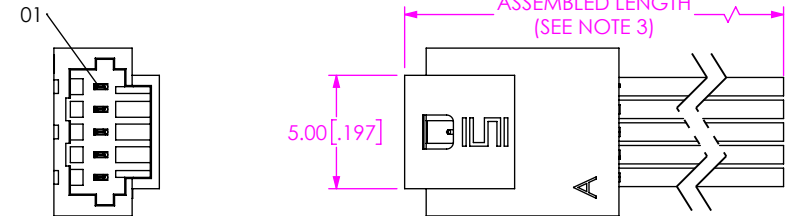
PLATING SPECIFICATION

-GF: 3μ" GOLD CONTACT AND TAIL

* = NOT TOOLED

** = NOT AVAILABLE IN -02 POS

*** = NOT AVAILABLE FOR -P OPTION

FIG 2
T1SX-05-XXX-XX-XX.X SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

NOTES:

- NOTE DELETED.
- PARTS TO BE PACKAGED IN BAG.
- FOR ASSEMBLED LENGTHS LESS THAN 13.00 IN, TOLERANCE SHALL BE $\pm 3.18[.125]$, FOR OTHER LENGTHS, TOLERANCE SHALL BE $\pm 2\%$.
- NOTE DELETED.
- NOTE DELETED.
- ALL FINISHED GOODS ARE TO BE ELECTRICALLY TESTED INCLUDING HI-POT TEST AT 1000 VOLTS DC. AFTER FINAL ELECTRICAL TEST, LABEL PART PER CO-{AD-ID}-WI-3092-M.
- ASSEMBLIES USING THE FEP OPTION ARE FOR CRIMP APPLICATIONS ONLY.
- NOTE DELETED.

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

MATERIAL: DO NOT SCALE DRAWING
INSULATOR: NYLON, COLOR: LIGHT GREEN
TERMINAL: PHOS BRONZE

SHEET SCALE: 3:1

DESCRIPTION:

1MM T1XSX CABLE ASSEMBLY

DWG. NO.

T1XSX-XX-XXX-XX-XX.X-X-XX

BY: JERRY SU 03/05/2018 SHEET 1 OF 3

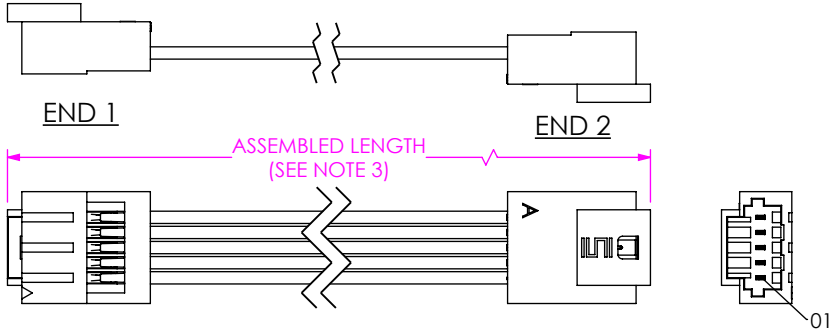


FIG 3
T1SS-05-XXX-XX-XX.X-D1 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2)

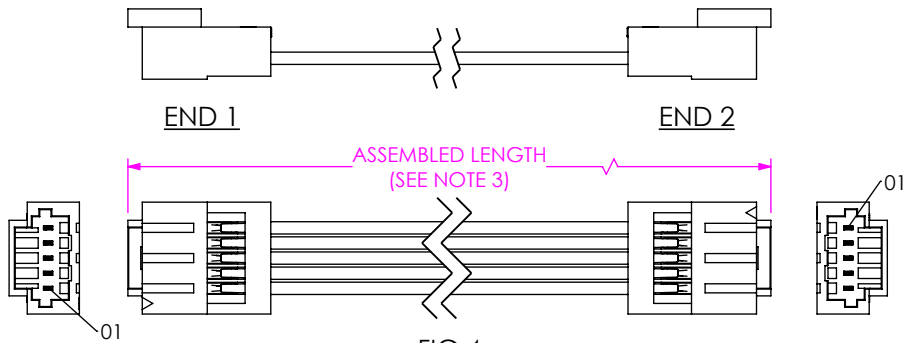


FIG 4
T1SS-05-XXX-XX-XX.X-D3 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2)

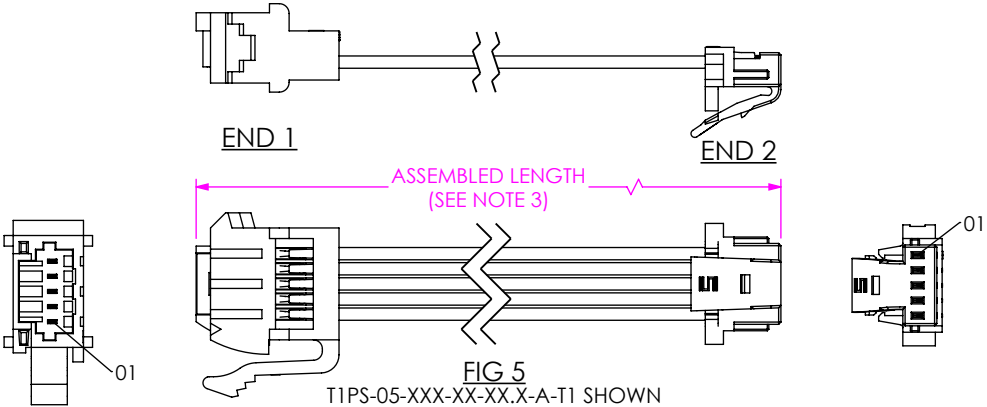


FIG 5
T1PS-05-XXX-XX-XX.X-A-T1 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

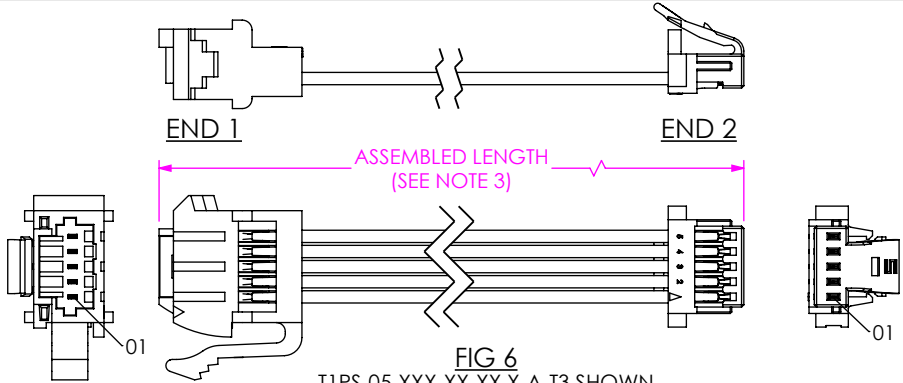


FIG 6
T1PS-05-XXX-XX-XX.X-A-T3 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1 & FIG 5)

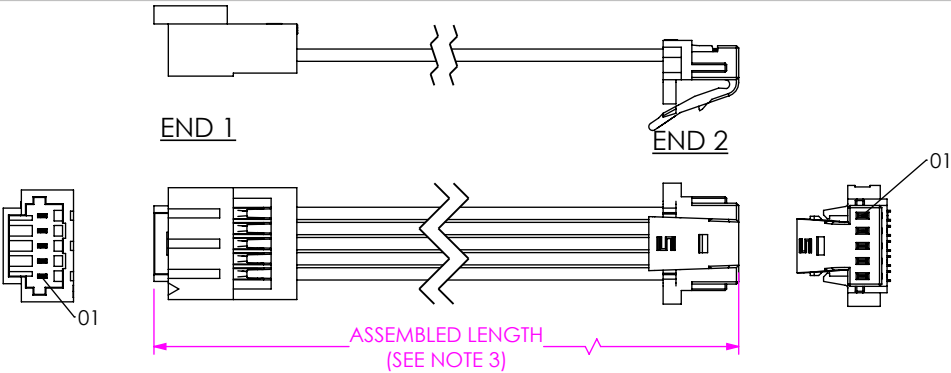


FIG 7
T1SS-05-XXX-XX-XX.X-T1 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2)

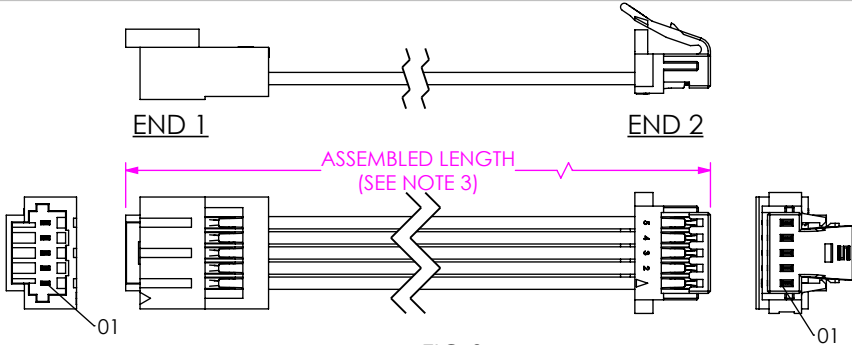


FIG 8
T1SS-05-XXX-XX-XX.X-T3 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 7)

TABLE 2										
T1XSX COLOR CODED WIRE SEQUENCE										
COLOR										
	BROWN	RED	ORANGE	YELLOW	GREEN	BLUE	VIOLET	GRAY	WHITE	BLACK
PIN #	1	2	3	4	5	6	7	8	9	10
	11	12	13	14	15	16	17	18	19	20

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1

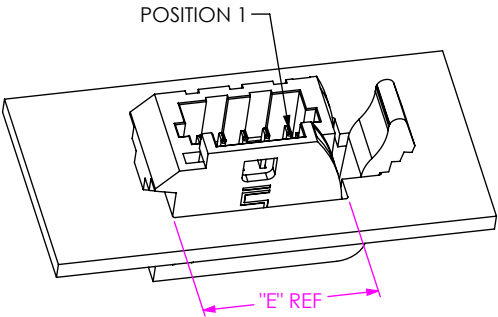
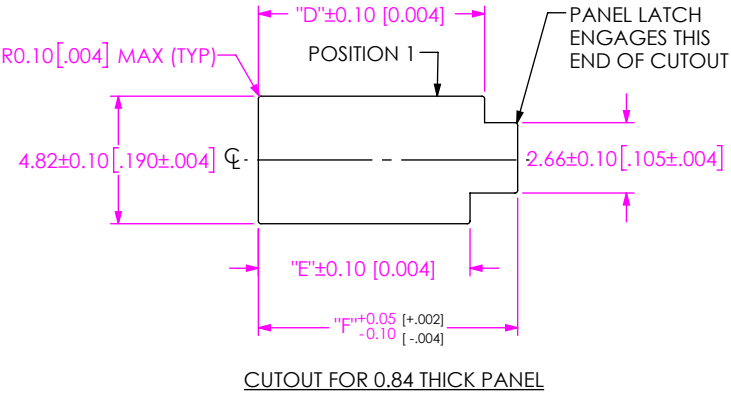
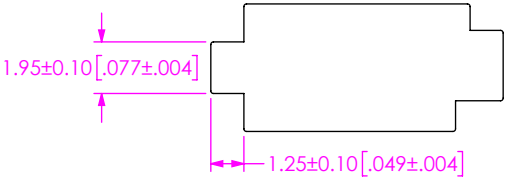


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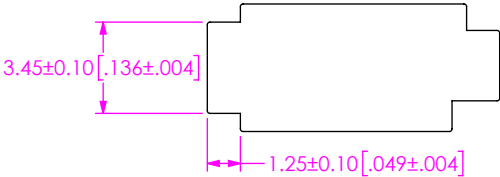
DESCRIPTION:
1MM T1XSX CABLE ASSEMBLY

DWG. NO.
T1XSX-XX-XXX-XX-XX.X-X-XX

BY: JERRY SU 03/05/2018 SHEET 2 OF 3



CUTOUT FOR 1.57 THICK PANEL
(DIFFERENT AS SHOWN, OTHERWISE SAME AS 0.84 THICK PANEL)



CUTOUT FOR 2.29 THICK PANEL
(DIFFERENT AS SHOWN, OTHERWISE SAME AS 0.84 THICK PANEL)

TABLE 5			
NO OF POS	"D"	"E"	"F"
-03	6.70 [0.264]	6.20 [0.244]	7.80 [0.307]
-04	7.60 [0.299]	6.60 [0.260]	8.80 [0.346]
-05	8.55 [0.337]	8.00 [0.315]	9.80 [0.386]
-06	9.55 [0.376]	8.50 [0.335]	10.80 [0.425]
-07	10.55 [0.415]	9.00 [0.354]	11.80 [0.465]
-08	11.55 [0.455]	9.50 [0.374]	12.80 [0.504]
-09	12.55 [0.494]	10.00 [0.394]	13.80 [0.543]
-10	13.55 [0.533]	10.50 [0.413]	14.80 [0.583]
*-11	14.55 [0.573]	11.00 [0.433]	15.80 [0.622]
*-12	15.55 [0.612]	11.50 [0.453]	16.80 [0.661]
*-13	16.55 [0.652]	12.00 [0.472]	17.80 [0.701]
*-14	17.55 [0.691]	12.50 [0.492]	18.80 [0.740]
*-15	18.55 [0.730]	13.00 [0.512]	19.88 [0.783]
*-16	19.55 [0.770]	13.50 [0.531]	20.88 [0.822]
*-17	20.55 [0.809]	14.00 [0.551]	21.88 [0.861]
*-18	21.55 [0.848]	14.50 [0.571]	22.88 [0.901]
*-19	22.55 [0.888]	15.00 [0.591]	23.88 [0.940]
*-20	23.55 [0.927]	15.50 [0.610]	24.88 [0.980]

(*=NOT TOOLED)

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1

DESCRIPTION:
1MM T1XSX CABLE ASSEMBLY

DWG. NO.
T1XSX-XX-XXX-XX-XX.X-X-XX

BY: JERRY SU 03/05/2018 SHEET 3 OF 3