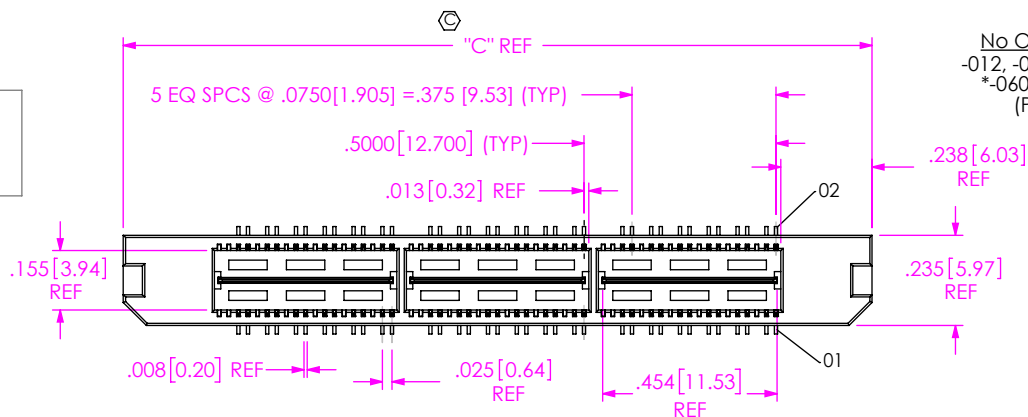


DO NOT
SCALE FROM
THIS PRINT



No OF POSITIONS
-012, -024, -036, *-048,
*-060, *-072, *-084
(PER ROW)

LEAD STYLE

-01: .1680[4.267]
-02: .2861[7.267]
-03: .4042[10.267]
-04: .6000[15.240]
-05: .7080[17.983]
-06: .8350[21.209]

PACKAGING

-BLANK: TUBES (SEE NOTE 12)
-TR: TAPE & REEL (076 POS MAX)
(N/A ON STYLE -05, -06, -07, -08)
(SEE NOTE 13 & 14)
-FR: FULL REEL QTY TAPE & REEL
(076 POS MAX) (N/A ON STYLE
-05, -06, -07, -08) (SEE NOTE 13 & 14)

OPTION

-K: POLYAMIDE FILM PAD
(USE K-500-300, SEE FIG. 2, SHEET 2)

BODY STYLE

-DP: DIFFERENTIAL PAIRS
(SEE TABLE 3)

ROW SPECIFICATION

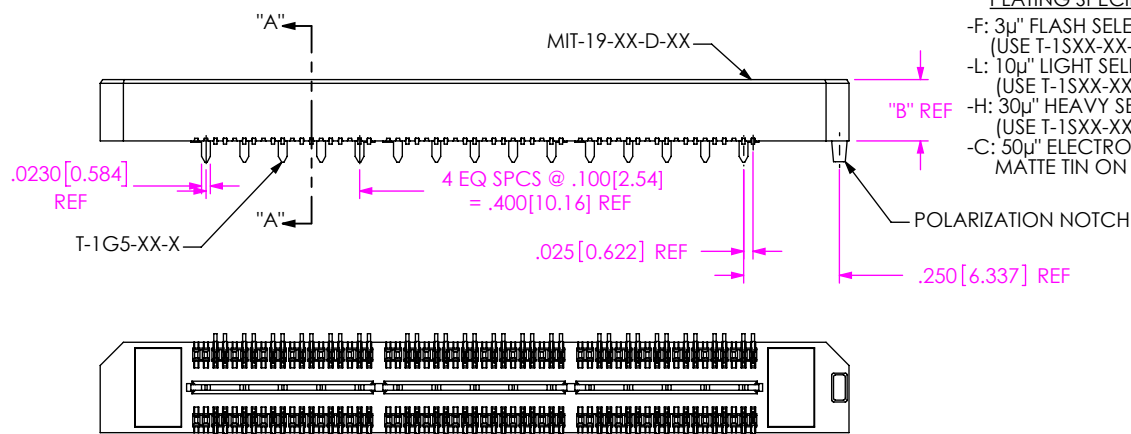
-D: DOUBLE (USE MIT-19-XX-D-XX
& MITH-19-XX-D-XX)

No OF BANKS

PLATING SPECIFICATION

-F: 3μ" FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
(USE T-1SXX-XX-F & T-1G5-XX-F) (SEE NOTE 10)
-L: 10μ" LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
(USE T-1SXX-XX-L & T-1G5-XX-L)
-H: 30μ" HEAVY SELECTIVE GOLD IN CONTACT AREA, 3μ" GOLD ON TAIL
(USE T-1SXX-XX-H & T-1G5-XX-G)
-C: 50μ" ELECTRO-POLISHED SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL (USE T-1SXX-XX-C & T-1G5-XX-L)

(* = FOR EXISTING CUSTOMERS ONLY)



.155^{+0.03}_{-.005}[3.94^{+0.08}_{-.011}]
(SEE NOTE 11)

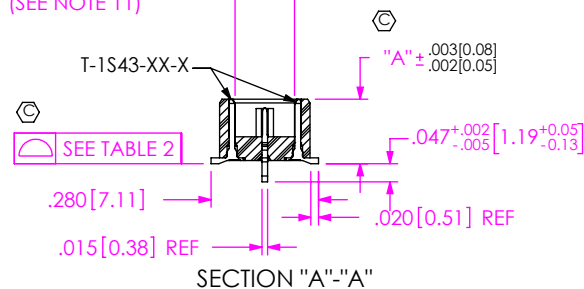


FIG 1
-01 LEAD STYLE
(MIT-036-01-X-D-DP SHOWN)
(STYLE -01 & -02 ONLY)

TABLE 3	
No. OF POS	"C"
-012	.950 [24.13]
-024	1.450 [36.83]
-036	1.950 [49.53]
-048	2.450 [62.23]
-060	2.950 [74.93]
-072	3.450 [87.63]
-084	3.950 [100.33]

TABLE 2	
No OF POS	COPLANARITY
-012, -024, -036 -048	.004[0.10]
-060, -072, -084	.006[0.15]

TABLE 1									MATED HEIGHT WITH MIS-01
STYLE	"A"	"B"	"D"	BODY	TERMINAL	GROUND PLANE	BOTTOM SPACER		
-01	.1680[4.267]	.1600[4.064]	N/A	MIT-19-01-D-XX	T-1S43-01-X	T-1G5-01-X	N/A	.198 [5.03] REF	
-02	.2861[7.267]	.2781[7.064]	N/A	MIT-19-02-D-XX	T-1S43-02-X	T-1G5-02-X	N/A	.316 [8.03] REF	
-03	.4042[10.267]	.3962[10.063]	0.1180[2.997]	MIT-19-03-D-XX	T-1S50-03-X	T-1G5-03-X	MITH-19-01-D-XX	.434 [11.02] REF	
-04	.6000[15.240]	.5920[15.037]	0.1180[2.997]	MIT-19-04-D-XX	T-1S50-04-X	T-1G5-04-X	MITH-19-01-D-XX	.630 [16.00] REF	
-05	.7080[17.983]	.7000[17.780]	0.2780[7.061]	MIT-19-02-D-XX	T-1S50-05-X	T-1G5-05-X	MITH-19-02-D-XX	.738 [18.75] REF	
-06	.8350[21.209]	.8270[21.006]	0.2780[7.061]	MIT-19-02-D-XX	T-1S50-06-X	T-1G5-06-X	MITH-19-02-D-XX	.866 [22.00] REF	

NOTES:

- ⊗ REPRESENTS A CRITICAL DIMENSION.
- DELETED COPLANARITY NOTE.
- MAXIMUM BURR ALLOWANCE: .0015[0.038] .
- MINIMUM TERMINAL RETENTION: 6 OZ.
- MINIMUM GROUND PLANE RETENTION: 1 LB.
- MAXIMUM ALLOWABLE BOW: .002[0.05] INCH/INCH AFTER ASSEMBLY.
- PARTS TO BE MOLDED TO POSITION.
- NOTE DELETED.
- NOTE DELETED.
- L PLATING CAN BE SUBSTITUTED FOR -F PLATING,
-L PLATED GROUND PLANE CAN BE SUBSTITUTED FOR -F PLATED GROUND PLANE.
- PIN CAN EXTEND PAST WALL .003[0.08] MAX.
- TUBES ARE STANDARD PACKAGING.
- ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY
STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
- ATTACH LABEL -4X2 TO EACH REEL.

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.XX: ±.01[.3]
.XXX: ±.005[.13]
.XXXX: ±.0020[.051]

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

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1
INSULATOR: LCP, UL94V-0; COLOR: BLACK
TERMINAL: PHOS BRONZE
GROUND PLANE: PHOS BRONZE

DESCRIPTION:
.635mm DIFFERENTIAL PAIRS HS TERMINAL ASSEMBLY

DWG. NO.
MIT-XXX-XX-X-D-DP-X-XX

BY: DEAN P 3/02/2001 SHEET 1 OF 2

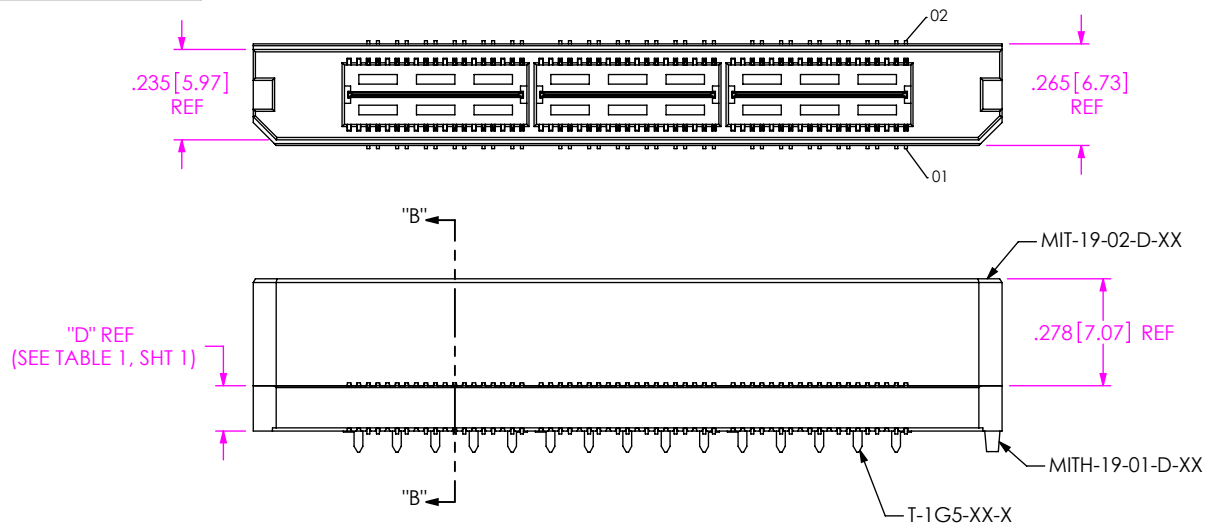
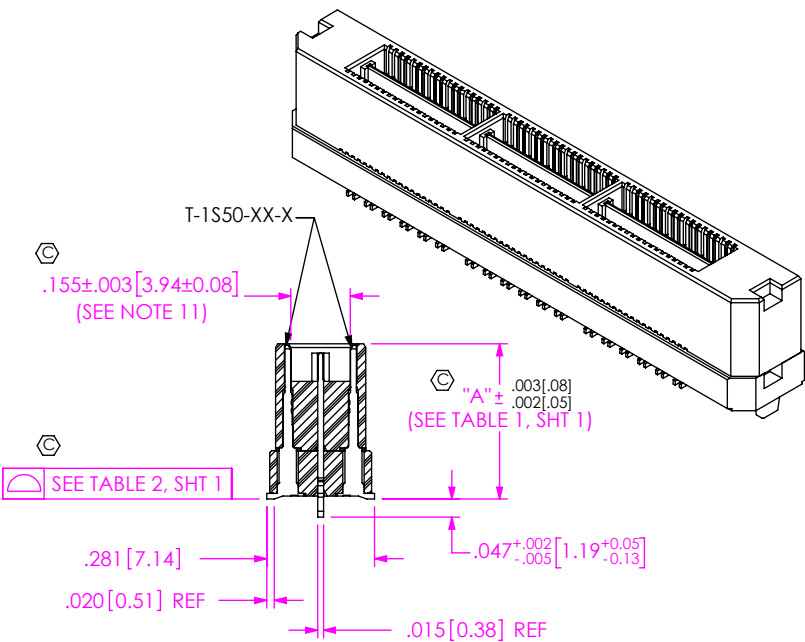


FIG 2
-03 LEAD STYLE
(MIT-036-03-X-D-DP SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(STYLE -03, -04, -05, & -06)



SECTION "B"-"B"

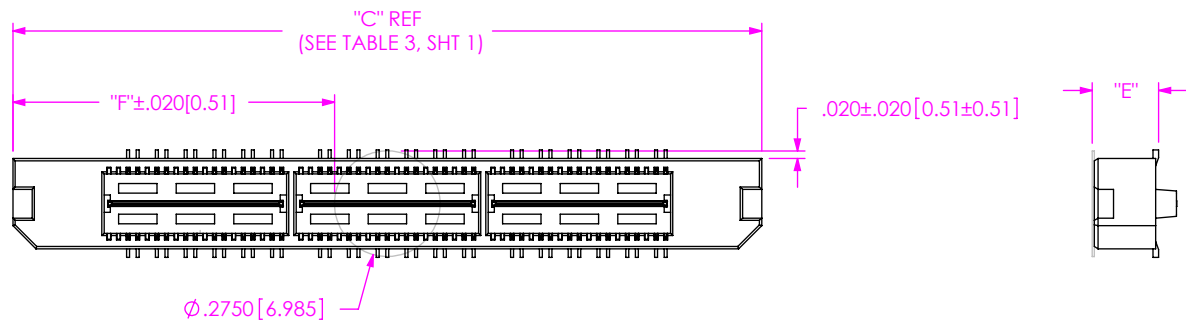


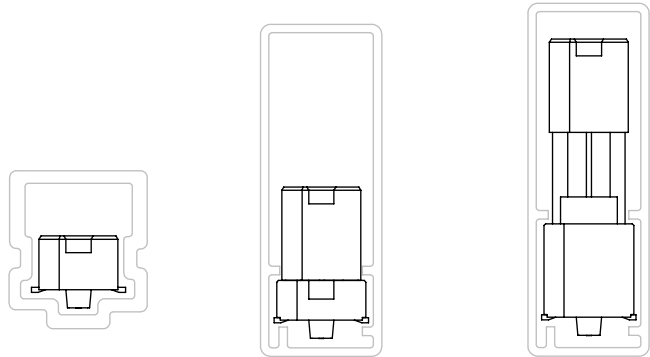
FIG 3
-K: POLYAMIDE FILM PAD OPTION
(USE K-500-300)

TABLE 4	
STYLE	"E"
-01	.173[4.39]
-02	.291[7.39]
-03	.409[10.39]
-04	.605[15.37]
-05	.713[18.11]
-06	.841[21.36]

TABLE 5	
No. OF POS	"F"
-012	.338 [8.57]
-024	.588 [14.92]
-036	.838 [21.27]
-048	1.088 [27.62]
-060	1.338 [33.97]
-072	1.588 [40.32]
-084	1.838 [46.67]

CRITICAL DIMENSION INSPECTION INSTRUCTION TABLE	
ASSEMBLY OPERATION	IN PROCESS INSPECTION
FILL T-1SXX	C1, C2, C3, C4, C5, C6
ADD -K OPTION	C7, C8

PACKAGING VIEW
[PARTS TO HAVE POSITION #1 LOADED
IN SAME DIRECTION AS ARROW ON TUBE]



TUBE: PT-1-24-01-86
PLUG: TP- 07 (2)

[LEAD STYLES -01, -02]

TUBE: PT-1-24-01-98
PLUG: TP-26 (2)

[LEAD STYLES -03 & -04]

TUBE: PT-1-24-01-102
PLUG: TP-26 (2)

[LEAD STYLES -05 & -06]

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SHEET SCALE: 2:1

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e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
.635mm DIFFERENTIAL PAIRS HS TERMINAL ASSEMBLY

DWG. NO.
MIT-XXX-XX-X-D-DP-X-XX

BY: DEAN P 3/02/2001 SHEET 2 OF 2