

DO NOT SCALE FROM THIS PRINT

No. OF POS	"C"
-019	.950 [24.13]
-038	1.450 [36.83]
-057	1.950 [49.53]
-076	2.450 [62.23]
-095	2.950 [74.93]
-114	3.450 [87.63]
-133	3.950 [100.33]

No OF POSITIONS	COPLANARITY
-019, -038, -057, -076	.004[0.10]
-095, -114, -133	.006[0.15]

MIT-XXX-XX-X-D-X-XX

No OF POSITIONS  
 -019, -038, -057, \*\*076,  
 \*\*095, \*\*114, \*\*133  
 (PER ROW)  
 (\*\* = EXISTING CUSTOMERS ONLY)

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: TRAYS (SEE NOTE 12)  
 -TR: TAPE & REEL (076 POS MAX)  
 (SEE NOTE 14 & 15)  
 (N/A ON STYLE -05, -06, -07 & -08)  
 -FR: FULL REEL QTY TAPE & REEL  
 (076 POS MAX) (SEE NOTE 14 & 15)  
 (N/A ON STYLE -05, -06, -07 & -08)

PICK & PLACE OPTION

-K: POLYAMIDE FILM PAD  
 (USE K-DOT-.276-.375-.005, SEE FIG 3, SHT 2)

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 GOLD IN CONTACT AREA, 3µ" GOLD ON TAIL  
 (USE T-1SXX-XX-H & T-1G5-XX-L)  
 -C: 50µ" ELECTRO-POLISHED SELECTIVE GOLD IN CONTACT AREA,  
 MATTE TIN ON TAIL (USE T-1SXX-XX-C & T-1G5-XX-L)

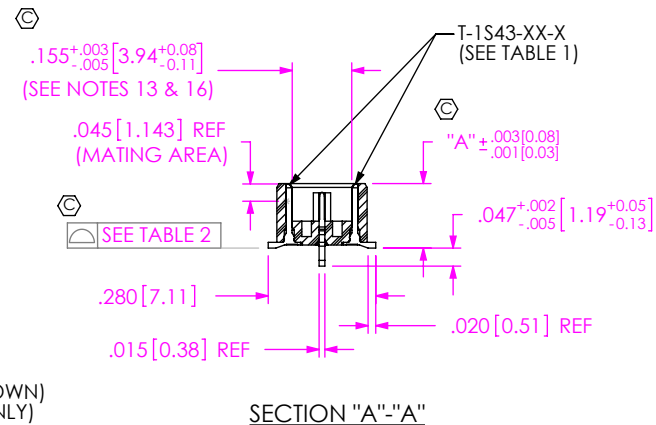
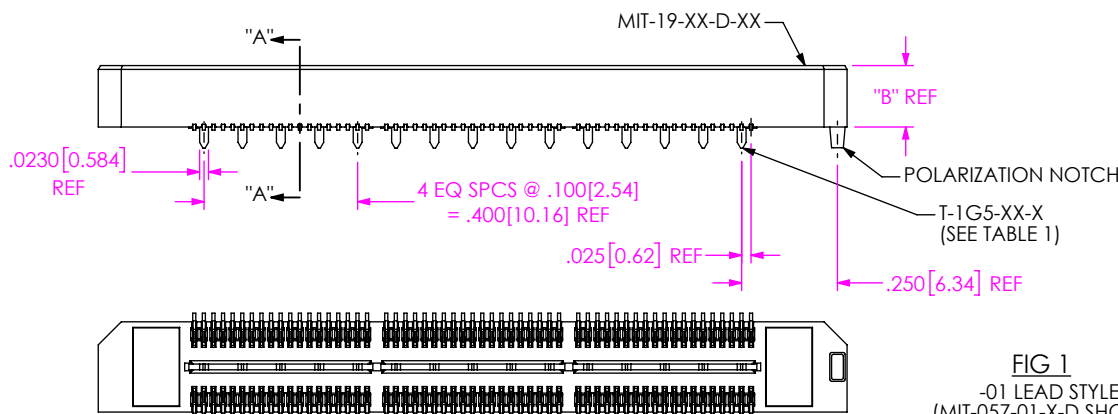
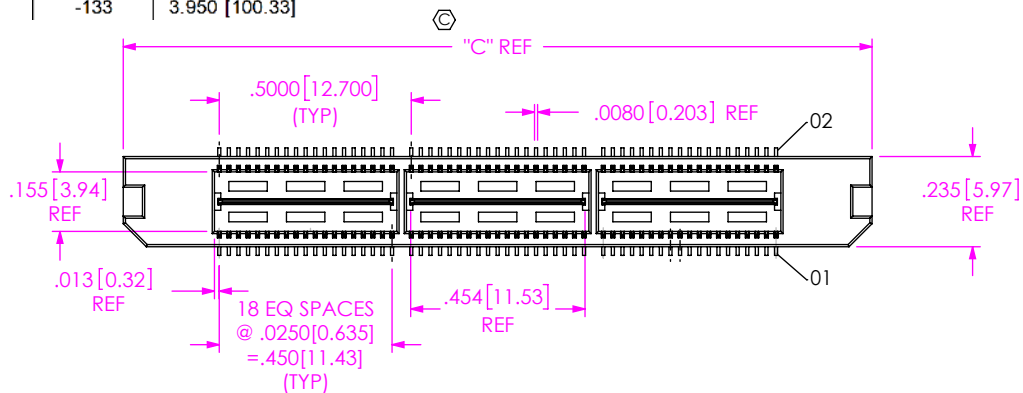
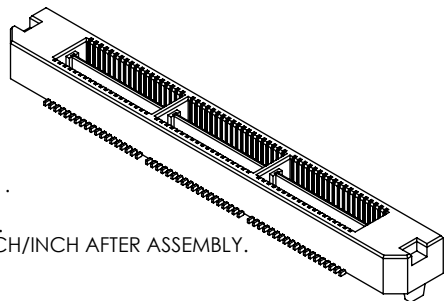


FIG 1  
 -01 LEAD STYLE  
 (MIT-057-01-X-D SHOWN)  
 (STYLE -01 & -02 ONLY)

STYLE	"A"	"B"	"D"	BODY	TERMINAL	GROUND PLANE	SPACER	MATED HEIGHT WITH MIS-01
-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-19-02-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-19-02-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:

1. © REPRESENTS A CRITICAL DIMENSION.
2. COPLANARITY: SEE TABLE 2.
3. MAXIMUM BURR ALLOWANCE: .0015[0.038].
4. MINIMUM TERMINAL RETENTION: 8 OZ.
5. MINIMUM GROUND PLANE RETENTION: 1 LB.
6. MAXIMUM ALLOWABLE BOW: .002[0.05] INCH/INCH AFTER ASSEMBLY.
7. PARTS TO BE MOLDED TO POSITION.
8. NOTE DELETED.
9. NOTE DELETED.
10. -L PLATING CAN BE SUBSTITUTED FOR -F PLATING.  
 -L PLATED GROUND PLANE CAN BE SUBSTITUTED FOR -F PLATED GROUND PLANE.
11. NOTE DELETED.
12. PARTS TO BE PACKAGED IN TRAYS. ORIENTATION MAY NOT FOLLOW EIA-960.
13. PIN CAN EXTEND PAST WALL .003[0.08] MAX.
14. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM
15. ATTACH LABEL -4x2 TO EACH REEL.
16. ANY CHANGES SHOULD ALSO BE APPLIED TO QTH, QTE, QTS, BTH, BTE, AND BTS.



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

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

DESCRIPTION: .635mm DOUBLE ROW HS TERMINAL ASSEMBLY  
 DWG. NO. MIT-XXX-XX-X-D-X-XX  
 BY: DEAN P 7/7/1999 SHEET 1 OF 2



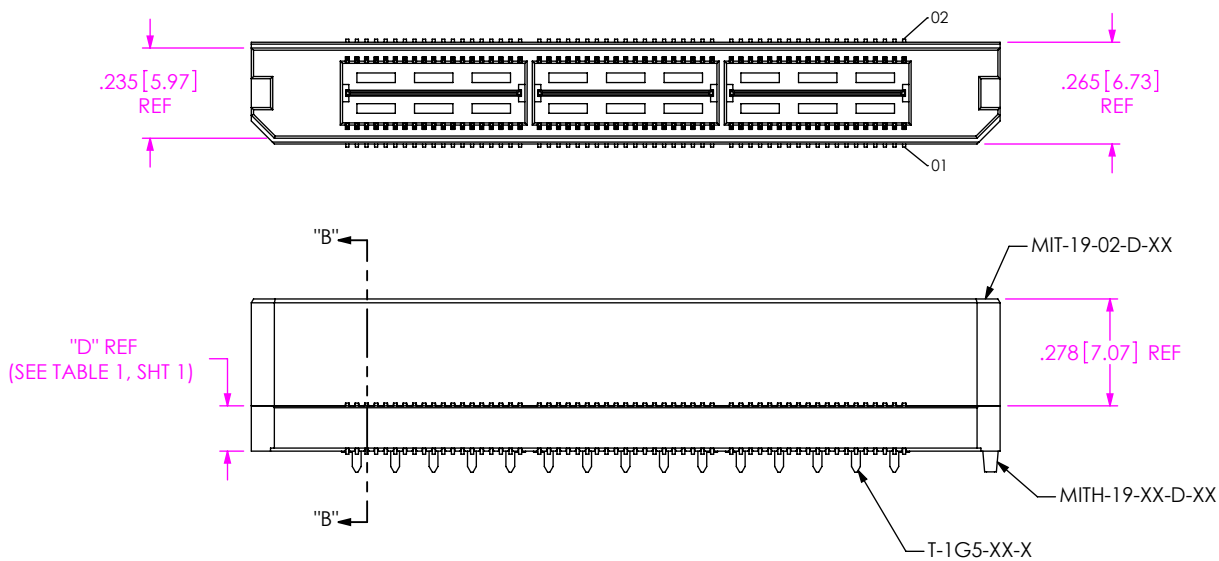
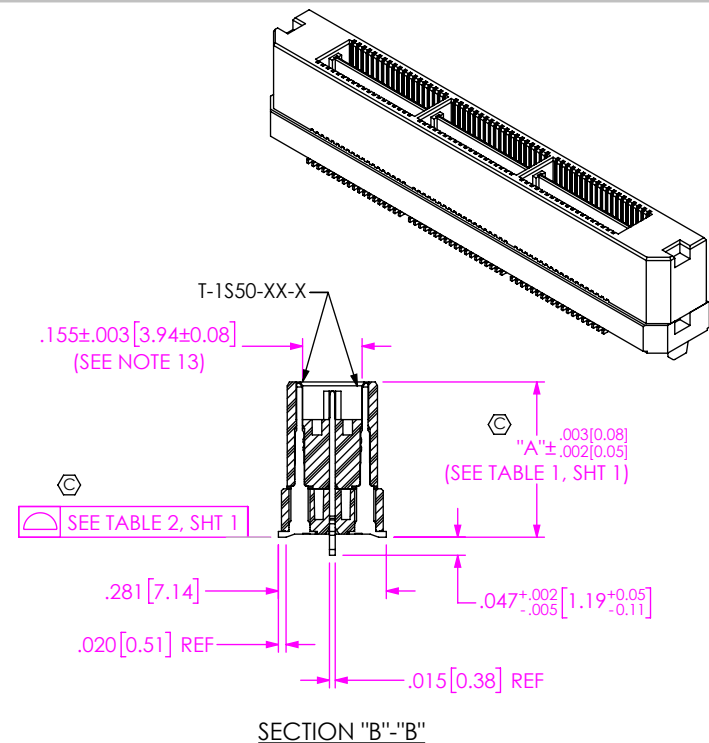


FIG 2  
-03 LEAD STYLE  
(MIT-057-03-X-D SHOWN)  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)  
(STYLE -03, -04, -05, & -06)



SECTION "B"-"B"

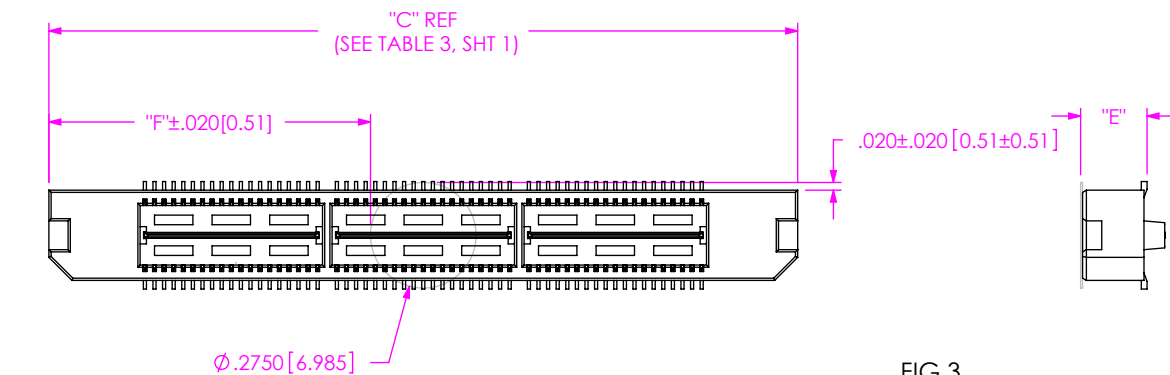


FIG 3  
-K: POLYAMIDE FILM PAD OPTION

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]

No. OF POS	"F"
-019	.338 [8.57]
-038	.588 [14.92]
-057	.838 [21.27]
-076	1.088 [27.62]
-095	1.338 [33.97]
-114	1.588 [40.32]
-133	1.838 [46.67]

CRITICAL DIMENSION INSPECTION INSTRUCTION TABLE

ASSEMBLY OPERATION	IN PROCESS INSPECTION
FILL T-1SXX	C1, C2, C3, C4, C5, C6
FILL T-1GX-XX-X	C9, C10
ADD -K OPTION	C7, C8

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1



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DESCRIPTION:  
.635mm DOUBLE ROW HS TERMINAL ASSEMBLY

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

BY: DEAN P 7/7/1999 SHEET 2 OF 2