

DO NOT SCALE FROM THIS PRINT

EDGE MOUNT THICKNESS	"A"	"B"	"C"	BODY	CONTACT
-EM2	.130[3.30]	.0670[1.702]	.058[1.47]	QTS-25-01-D-EM2-XX	T-1S42-01-XXX
*-EM3	.160[4.06]	.0980[2.489]	.088[2.24]	QTS-25-01-D-EM3-XX	T-1S42-02-XXX

* = SEE NOTE 12

ASO ONLY (APPLICATION SPECIFIC ORDER)

QTS-XXX-01-XXX-D-DP-EMX-XX

No OF PAIRS
-016, -032, -048,
**-064, **-080
(PER ROW)

** = SEE NOTE 15

LEAD STYLE
-01: .1680[4.267]

OPTION
-TY: TRAY PACKAGING

EDGE MOUNT THICKNESS
-EM2: .064[1.63] ±.004 PCB
(USE QTS-25-01-D-EM2-XX
& T-1S42-01-XXX)
-EM3: (USE QTS-25-01-D-EM3-XX
& T-1S42-02-XXX)

SEE NOTE 12

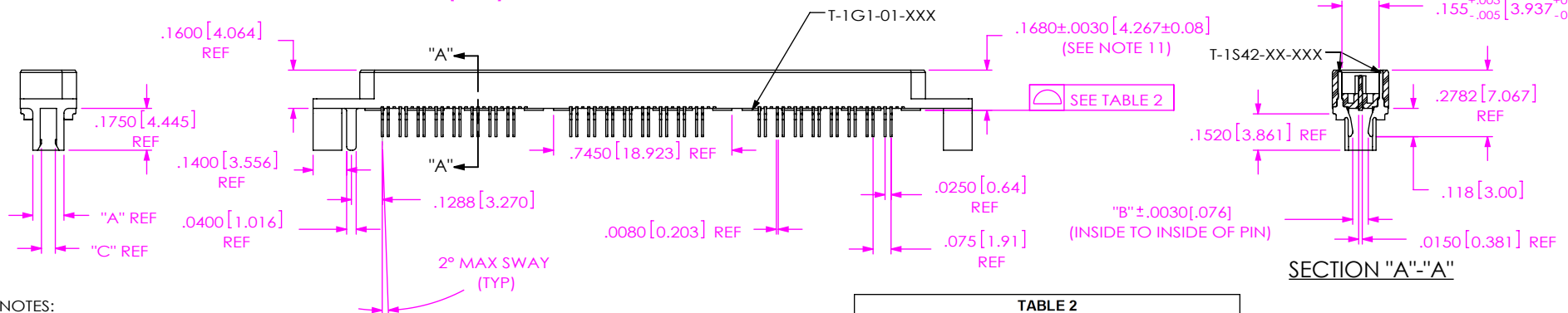
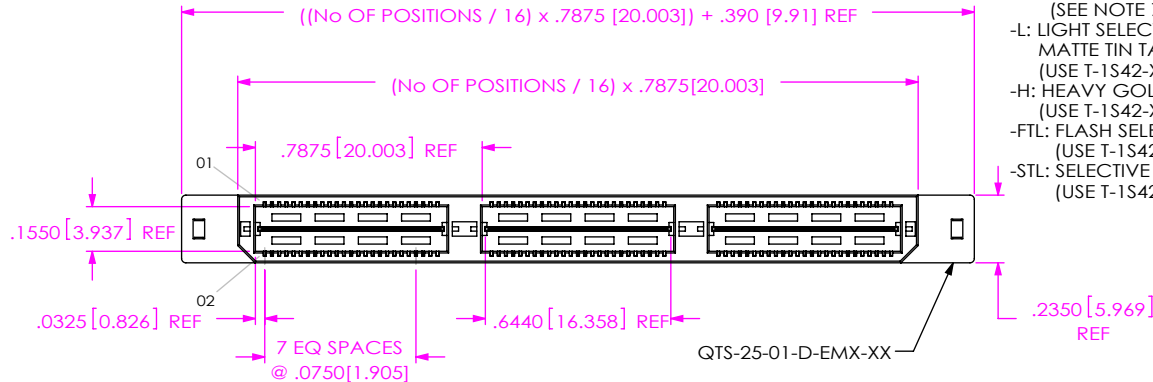
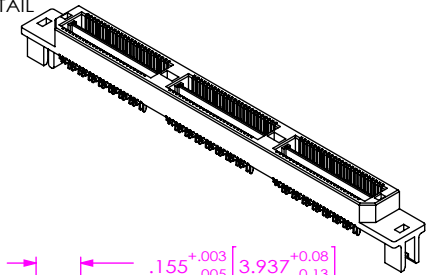
DIFFERENTIAL PAIRS

ROW SPECIFICATION
-D: DOUBLE
(USE QTS-25-XX-D-EMX-XX)

No OF BANKS

PLATING SPECIFICATION

- F: FLASH SELECTIVE GOLD WITH MATTE TIN TAILS (USE T-1S42-XX-F & T-1G1-01-F) (SEE NOTE 7)
- L: LIGHT SELECTIVE GOLD WITH MATTE TIN TAILS (USE T-1S42-XX-L & T-1G1-01-L)
- H: HEAVY GOLD (USE T-1S42-XX-H & T-1G1-01-G)
- FTL: FLASH SELECTIVE GOLD, TIN/LEAD TAIL (USE T-1S42-XX-FTL & T-1G1-01-FTL)
- STL: SELECTIVE GOLD, TIN/LEAD TAIL (USE T-1S42-XX-STL & T-1G1-01-STL)



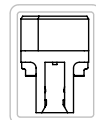
NOTES:

1. REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: .0015[.038] MAX.
3. MINIMUM PUSHOUT FORCE: 6 OZ.
4. MINIMUM GROUND PLANE RETENTION: 1 LB.
5. NOTE DELETED.
6. PARTS TO BE MOLDED TO POSITION.
7. -L PLATING CAN BE SUBSTITUTED FOR -F PLATING (CONTACT).
8. NOTE DELETED.
9. NOTE DELETED.
10. SEE www.samtec.com/processing/edgemt_tectalk/index.htm FOR INFORMATION ON PROCESSING EDGE MOUNT PARTS TO BOARDS.
11. MAX VARIANCE OF .002[.05].
12. -EM3 IS NOT A STANDARD OFFERING; AVAILABLE AS AN ASP ONLY.
13. NOTE DELETED.
14. PARTS WITHOUT -TY OPTION SHALL BE PACKAGED IN TRAYS.
15. AVAILABLE FOR EXISTING CUSTOMERS ONLY.
16. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.

PACKAGING VIEW

[PARTS TO HAVE POSITION #1 LOADED IN SAME DIRECTION AS ARROW]

EDGE MOUNT -EM2 & -EM3



TUBE: PT-1-24-01-95
PLUG: TP-03

No OF PAIRS	MAX BOW	GND PLANE COPLANARITY
-016, -032, -048	.004 [.10]	.004 [.10]
**064, **080	.006 [.15]	.005 [1.27]

** = SEE NOTE 15

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: 1.5:1
 INSULATOR: LCP, COLOR: BLACK
 TERMINAL: PHOS BRONZE
 GROUND PLANE: PHOS BRONZE



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

DESCRIPTION:
.635mm HS DIFF PAIR EDGE MOUNT TERMINAL ASSEMBLY

DWG. NO.
QTS-XXX-01-XXX-D-DP-EMX-XX

BY: KEVIN B 05/28/01 SHEET 1 OF 1