

REVISION R

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

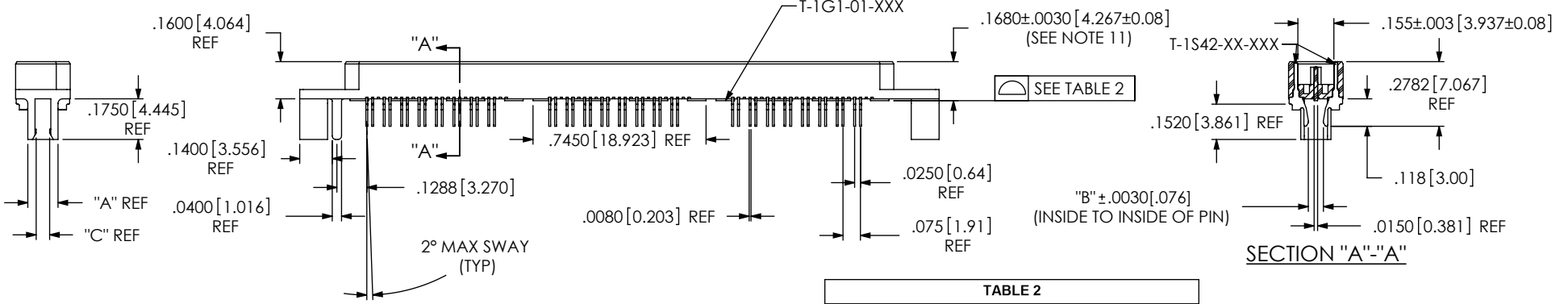
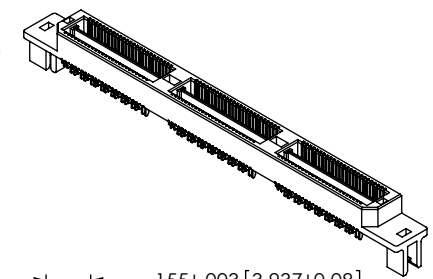
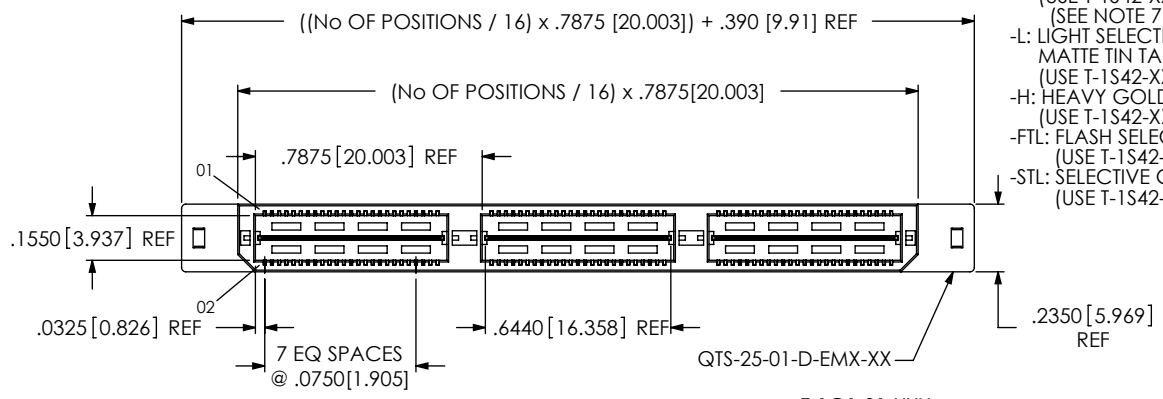
PLATING SPECIFICATION

- 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)

DIFFERENTIAL PAIRS

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

No OF BANKS



- 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. AVAIABLE FOR EXISTING CUSTOMERS ONLY.

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 ANGLES
.XX: ±.01 [.3]
.XXX: ±.005 [.13]
.XXXX: ±.0020 [.051]

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1.5:1
INSULATOR: LCP, COLOR: BLACK
TERMINAL: PHOS BRONZE
GROUND PLANE: PHOS BRONZE

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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