

ASO ONLY (APPLICATION SPECIFIC ORDER)

QTH-XXX-01-X-D-DP-EMX

DO NOT
SCALE FROM
THIS PRINT

TABLE 1

EDGE MOUNT THICKNESS	"A"	"B"	"C"	BODY	CONTACT
-EM2	.130[3.30]	.0670[1.702]	.058[1.47]	QTH-30-01-D-EM2-XX	T-1S42-01-X
*-EM3	.160[4.06]	.0980[2.489]	.088[2.24]	QTH-30-01-D-EM3-XX	T-1S42-02-X

* = SEE NOTE 11

TABLE 2

No OF PAIRS	MAX BOW	GND PLANE COPLANARITY
-020, -040, -060	.004 [.10]	.004 [.10]
-080, -100	.006 [.15]	.005 [.13]



No OF POSITIONS
-020, -040, -060,
**080, **100
(PER ROW)

**SEE NOTE 12

LEAD STYLE
-01: .1680[4.267]

EDGE MOUNT THICKNESS
-EM2: .064[1.63] +/- .004 PCB
(USE QTH-30-01-D-EM2-XX
& T-1S42-01-X)

-EM3:
(USE QTH-30-01-D-EM3-XX
& T-1S42-02-X)
SEE NOTE 11

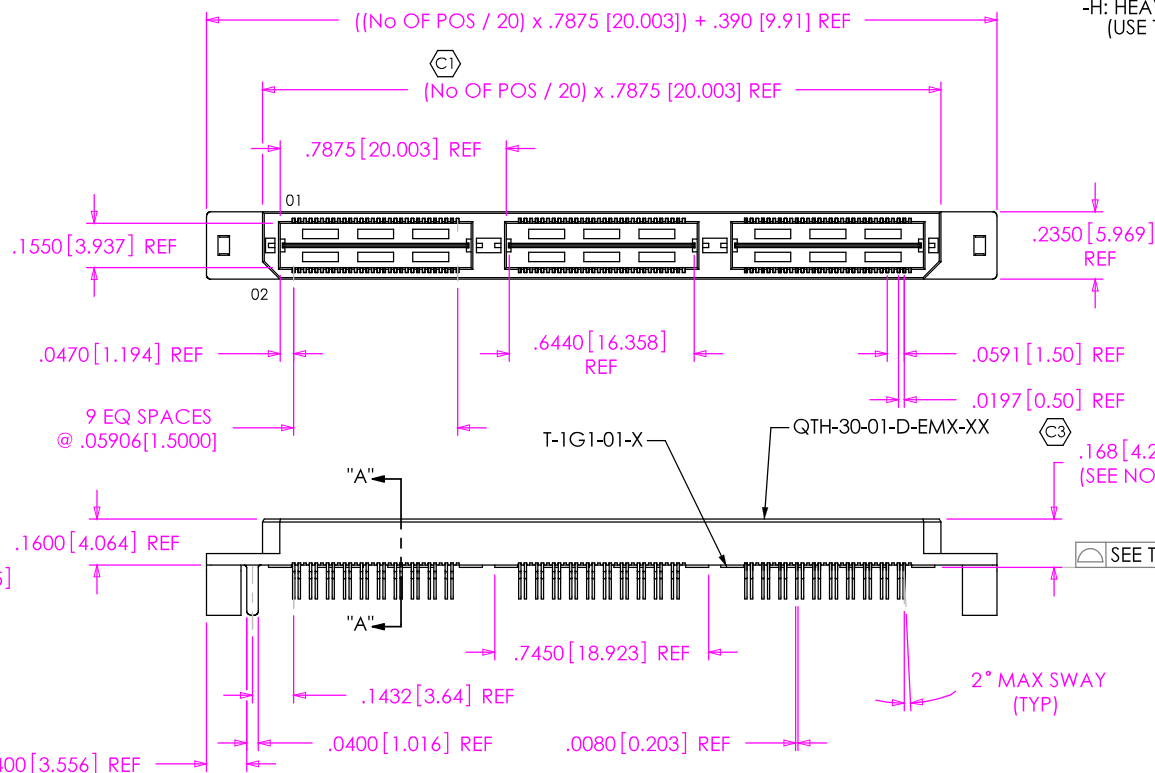
DIFFERENTIAL PAIR

ROW SPECIFICATION
-D: DOUBLE [SEE TABLE 1]
(USE QTH-30-01-D-EMX-XX)

No OF BANKS

PLATING SPECIFICATION

[L] -F: FLASH SELECTIVE GOLD [SEE NOTE 7]
(USE T-1S42-XX-F & T-1G1-01-F)
-L: LIGHT SELECTIVE GOLD
(USE T-1S42-XX-L & T-1G1-01-L)
-H: HEAVY GOLD
(USE T-1S42-XX-H & T-1G1-01-G)



.0058[0.147]
REF

.0150[0.381]
REF

DETAIL 'A'
SCALE 2:1

T-1S42-XX-X

'A'

.1520[3.861] REF
.2782[7.067] REF
.118[3.00]

"B" ±.0030[.076]
(INSIDE TO INSIDE OF PIN)

SECTION "A"-"A"

NOTES: .1400[3.556] REF

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: .0015[.038] MAX.
3. MINIMUM PUSHOUT FORCE: 5 OZ.
4. MINIMUM GROUND PLANE RETENTION: 1 LB.
5. PARTS TO BE MOLDED TO POSITION.
6. MAXIMUM VARIANCE .002[.05].
7. -L PLATING CAN BE SUBSTITUTED FOR -F PLATING.
8. NOTE DELETED
9. BOARD THICKNESS TO BE MEASURED FROM SOLDER PAD TO SOLDER PAD.
10. SEE www.samtec.com/processing/edgemt_tectalk/index.htm FOR PROCESSING EDGE MOUNT PARTS TO BOARD.
11. EM3 IS NOT A STANDARD OFFERING; AVAILABLE AS AN ASP ONLY. PLEASE CONTACT SAMTEC INTERCONNECT PROCESSING GROUP WITH ORDER INQUIRIES
12. FOR NEW APPLICATIONS REQUIRING THESE POSITIONS, PLEASE CONTACT SAMTEC INTERCONNECT PROCESSING GROUP.

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS

ANGLES

.XX: ±.01[.3]

2°

.XXX: ±.005[.13]

.XXXX: ±.0020[.051]

PROPRIETARY NOTE

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MATERIAL:

DO NOT SCALE DRAWING

SHEET SCALE: 1:5:1

INSULATOR: LCP, COLOR: BLACK
TERMINAL & GROUND PLANE: PHOS BRONZE

samtec

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DESCRIPTION:
.5mm HS DIFF PAIR EDGE MOUNT TERMINAL ASSEMBLY

DWG. NO.

QTH-XXX-01-X-D-DP-EMX

BY: DEAN P

12-12-2001

SHEET 1 OF 1

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