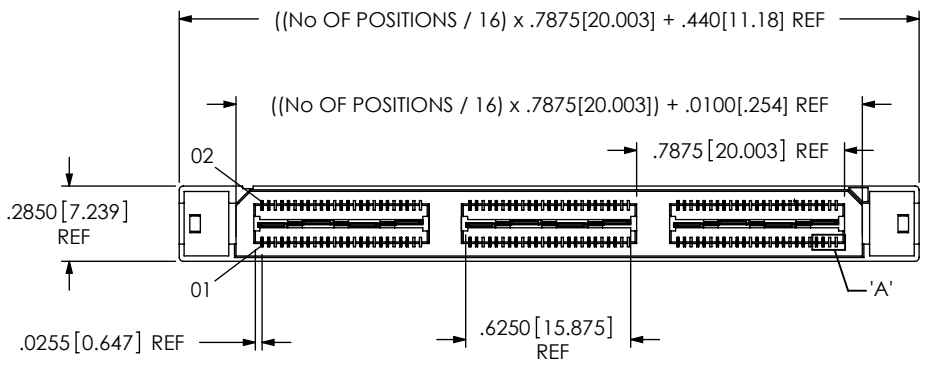


ASO ONLY (APPLICATION SPECIFIC ORDER)

DO NOT SCALE FROM THIS PRINT



QSS-XXX-01-XXX-D-DP-EMX

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

* = SEE NOTE 12

LEAD STYLE
-01: .1530[3.886]

EDGE MOUNT THICKNESS

-EM2: .064[1.63] +/- .004 PCB
(USE C-162-01-XXX & QSS-25-01-D-EM2-XX)

-EM3: (USE C-162-02-XXX
& QSS-25-01-D-EM3-XX)
SEE NOTE 10

PLATING SPECIFICATION

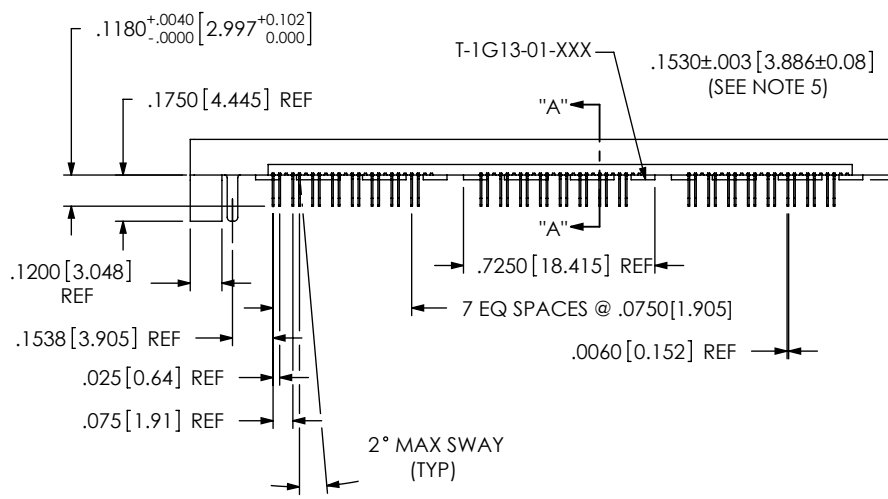
- F: FLASH SELECTIVE GOLD WITH MATTE TIN TAIL (SEE NOTE 6)
(USE C-162-XX-F & T-1G13-01-F)
- L: LIGHT SELECTIVE GOLD WITH MATTE TIN TAIL
(USE C-162-XX-L & T-1G13-01-L)
- H: HEAVY GOLD (USE C-162-XX-H & T-1G13-01-G)
- FTL: FLASH SELECTIVE GOLD, TIN/LEAD TAIL
(USE C-162-XX-FTL & T-1G13-01-FTL)
- STL: SELECTIVE GOLD, TIN/LEAD TAIL (USE C-162-XX-STL & T-1G13-01-STL)

*-064, -080 DO NOT DESIGN IN. SAMTEC WILL ONLY SUPPORT EXISTING BUSINESS 12/07/07.

ROW SPECIFICATION

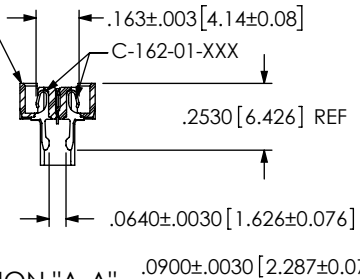
- D: DOUBLE
(USE QSS-25-01-D-EMX-XX)

No OF BANKS



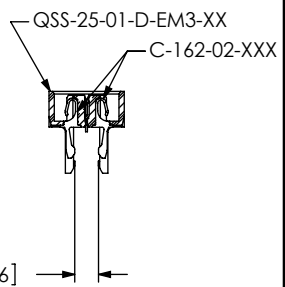
QSS-25-01-D-EM2-XX

SEE TABLE 2



SECTION "A-A"

-EM2: .064[1.63] +/- .004 PCB



SECTION "A-A"

-EM3:

SEE NOTE 10

(DIFFERENT AS SHOWN, OTHERWISE SAME AS -EM2 PCB THICKNESS)

NOTES:

1. $\text{\textcircled{C}}$ REPRESENTS A CRITICAL DIMENSION.
2. CONTACT RETENTION: 6 OZ MIN.
3. GROUND PLANE RETENTION: 8 OZ MIN.
4. PARTS ARE MOLD TO POSITION.
5. MAX VARIANCE OF .002[.05].
6. -L PLATING CAN BE SUBSTITUTED FOR -F PLATING (CONTACT).
7. NOTE DELETED.
8. BOARD THICKNESS TO BE MEASURED FROM SOLDER PAD TO SOLDER PAD.
9. SEE www.samtec.com/processing/edgemt_tectalk/index.htm FOR INFORMATION ON PROCESSING EDGE MOUNT PARTS TO BOARDS.
10. -EM3 IS NOT A STANDARD OFFERING; AVAILABLE AS AN ASP ONLY.
11. NOTE DELETED.
12. AVAILABLE FOR EXISTING CUSTOMERS ONLY.

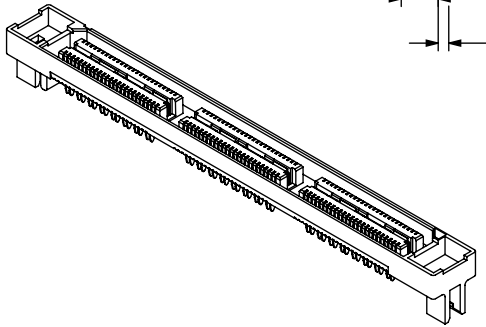
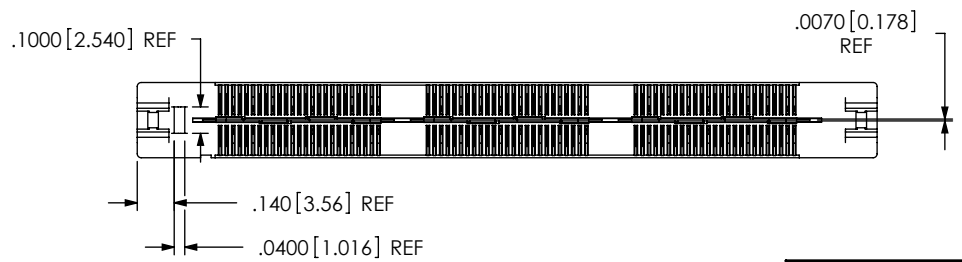


TABLE 2

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

* = SEE NOTE 12

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
DECIMALS ANGLES
.XX: $\pm .01$ [.3] 2°
.XXX: $\pm .005$ [.13]
.XXXX: $\pm .0020$ [.051]

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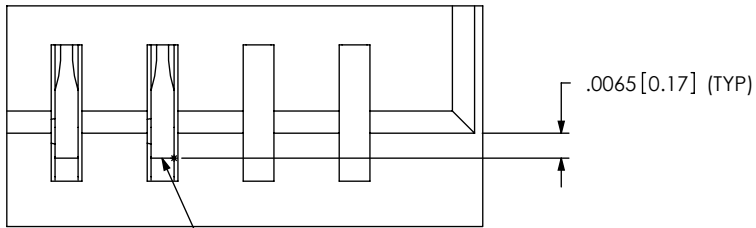
MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1.375:1
INSULATOR: LCP, COLOR: BLACK
CONTACT: PHOS BRONZE
GROUND PLANE: PHOS BRONZE

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 5332

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

DWG. NO.
QSS-XXX-01-XXX-D-DP-EMX

BY: KEVIN B 10/01/01 SHEET 1 OF 2



LINE WHERE ROUNDED TOP
OF CONTACT TRANSITIONS
TO STRIGHT BEAM

DETAIL 'A'
SCALE 20:1

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1



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

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

DWG. NO.
QSS-XXX-01-XXX-D-DP-EMX

BY: KEVIN B 10/01/01 SHEET 2 OF 2