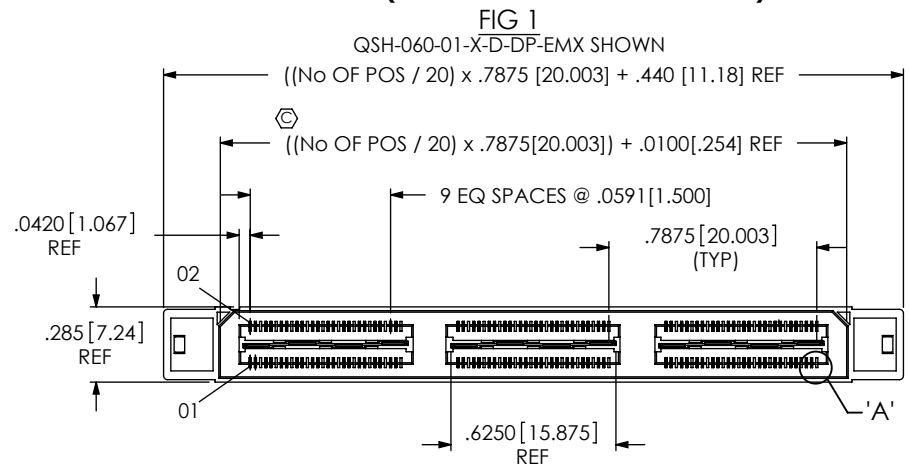


ASO ONLY (APPLICATION SPECIFIC ORDER)

QSH-XXX-01-X-D-DP-EMX

DO NOT SCALE FROM THIS PRINT



No OF PAIRS  
 -020, -040, -060,  
 \* -080, \*-100  
 (PER ROW)  
 \* SEE NOTE 11

LEAD STYLE  
 -01:  $.1380 [3.505]$

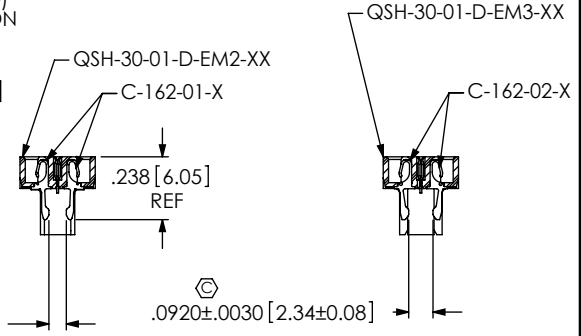
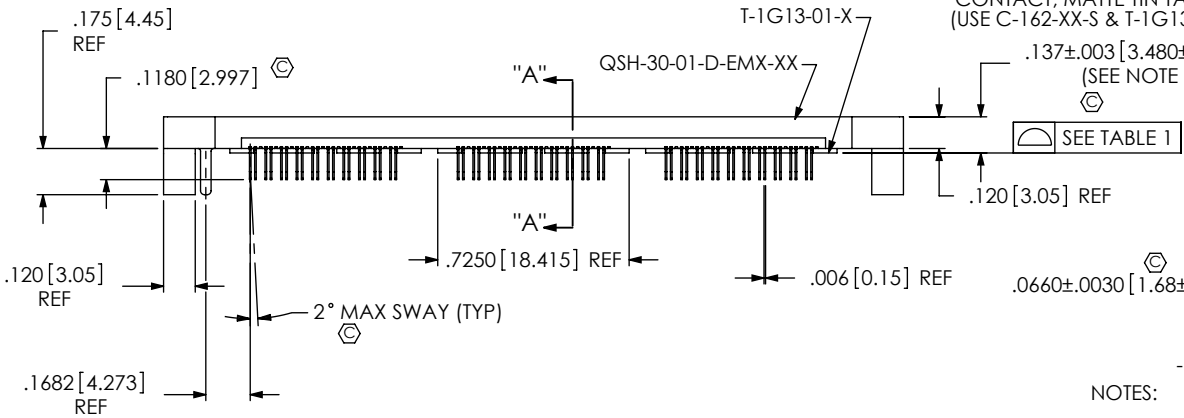
EDGE MOUNT THICKNESS  
 -EM2:  $.064 [1.63] +/- .004 \text{ PCB}$   
 (USE QSH-30-01-D-EM2-XX & C-162-01-X)  
 -EM3: (USE QSH-30-01-D-EM3-XX & C-162-02-X) SEE NOTE 10

DIFFERENTIAL PAIR

PLATING SPECIFICATION  
 (VALUES GIVEN ARE IN MICRO-INCHES)  
 -F: FLASH SELECTIVE, 3 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL (USE C-162-XX-F & T-1G13-01-F) (SEE NOTE 6)  
 -L: LIGHT SELECTIVE, 10 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL (USE C-162-XX-L & T-1G13-01-L)  
 -H: HEAVY GOLD, 30 Au / 50 Ni MIN ON CONTACT, 3 Au / 50 Ni MIN ON TAIL (USE C-162-XX-H & T-1G13-01-G)  
 -S: SELECTIVE, 30 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL (USE C-162-XX-S & T-1G13-01-L)

ROW SPECIFICATION  
 -D: DOUBLE (USE QSH-30-01-D-EMX-XX)

No OF BANKS



SECTION "A-A"  
 EDGE MOUNT THICKNESS  
 -EM2:  $.064 [1.63] +/- .004 \text{ PCB}$

SECTION "A-A"  
 EDGE MOUNT THICKNESS  
 -EM3:  
 SEE NOTE 10  
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS -EM2 PCB THICKNESS)

- NOTES:
- ⊗ REPRESENTS A CRITICAL DIMENSION.
  - CONTACT RETENTION: 6 OZ MIN.
  - GROUND PLANE RETENTION: 8 OZ MIN.
  - PARTS ARE "MOLD TO POSITION".
  - MAX VARIANCE OF  $.002 [0.05]$ .
  - L PLATING CAN BE SUBSTITUTED FOR -F PLATED SIGNAL PIN.
  - NOTE DELETED.
  - NOTE DELETED.
  - SEE [www.samtec.com/processing/edgemt\\_tectalk/index.htm](http://www.samtec.com/processing/edgemt_tectalk/index.htm) FOR INFORMATION ON PROCESSING EDGE MOUNT PARTS TO BOARDS.
  - EM3 IS NOT A STANDARD OFFERING; AVAILABLE AS AN ASP ONLY. PLEASE CONTACT SAMTEC INTERCONNECT PROCESSING GROUP WITH ORDER INQUIRIES.
  - FOR NEW APPLICATIONS REQUIRING THESE POSITIONS, PLEASE CONTACT SAMTEC INTERCONNECT PROCESSING GROUP BEFORE DESIGNING IN.

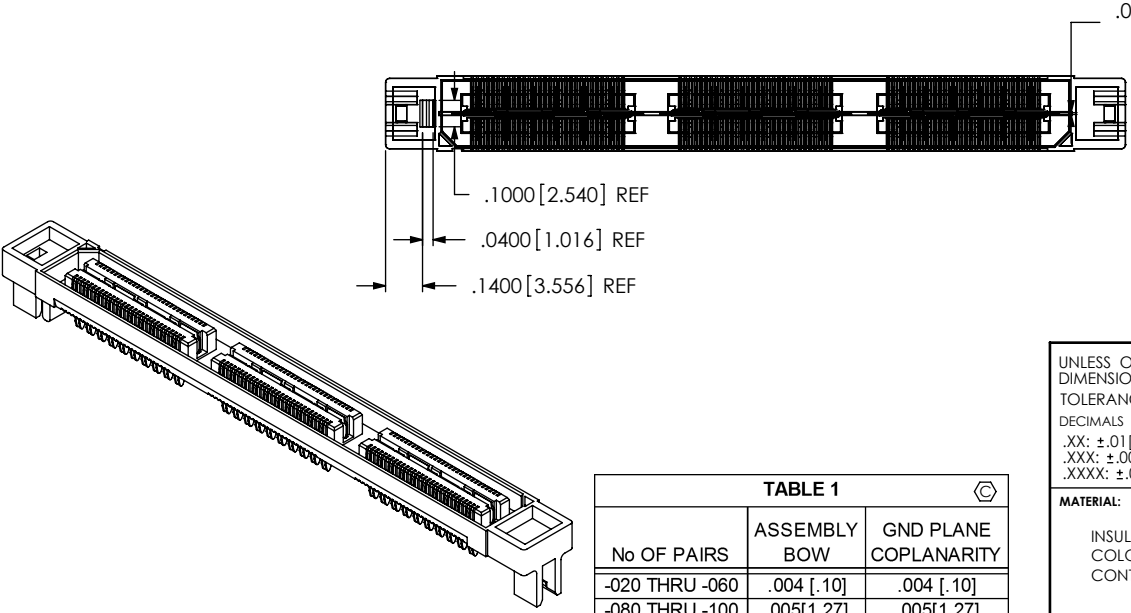


TABLE 1

No OF PAIRS	ASSEMBLY BOW	GND PLANE COPLANARITY
-020 THRU -060	$.004 [1.0]$	$.004 [1.0]$
-080 THRU -100	$.005 [1.27]$	$.005 [1.27]$

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:

DECIMALS	ANGLES
.XX: $\pm .01 [3]$	$2^\circ$
.XXX: $\pm .005 [13]$	
.XXXX: $\pm .0020 [051]$	

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1.375:1

INSULATOR: LCP, UL 94 VO  
 COLOR: BLACK  
 CONTACT & GROUND PLANE: PHOS BRONZE

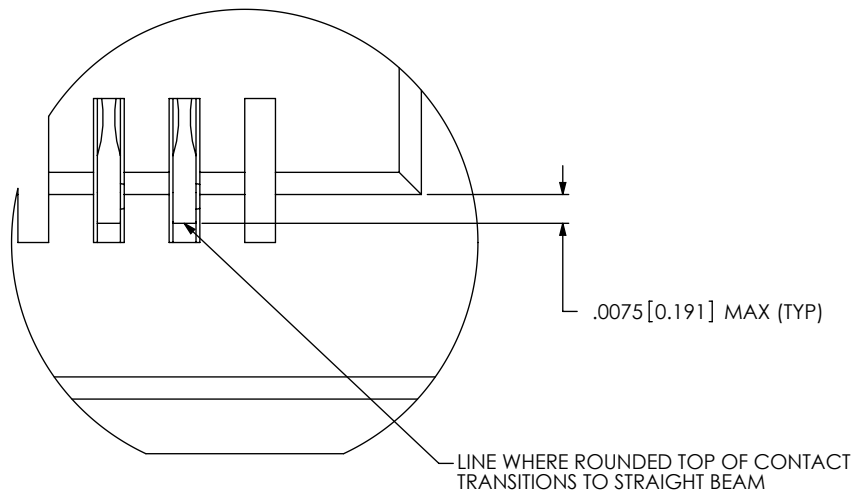
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520 PARK EAST BLVD, NEW ALBANY, IN 47150  
 PHONE: 812-944-6733 FAX: 812-948-5047  
 e-Mail: [info@SAMTEC.com](mailto:info@SAMTEC.com) code: 55322

DESCRIPTION:  
 .5mm EDGE MOUNT DIFFERENTIAL PAIR HIGH SPEED SOCKET ASSEMBLY

DWG. NO.  
**QSH-XXX-01-X-D-DP-EMX**

BY: DEAN P 5/31/2000 SHEET 1 OF 2



DETAIL 'A'  
SCALE 20 : 1

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DO NOT SCALE DRAWING

SHEET SCALE: 4:1

**samtec**

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PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code: 55322

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**QSH-XXX-01-X-D-DP-EMX**

BY: DEAN P 5/31/2000 SHEET 2 OF 2