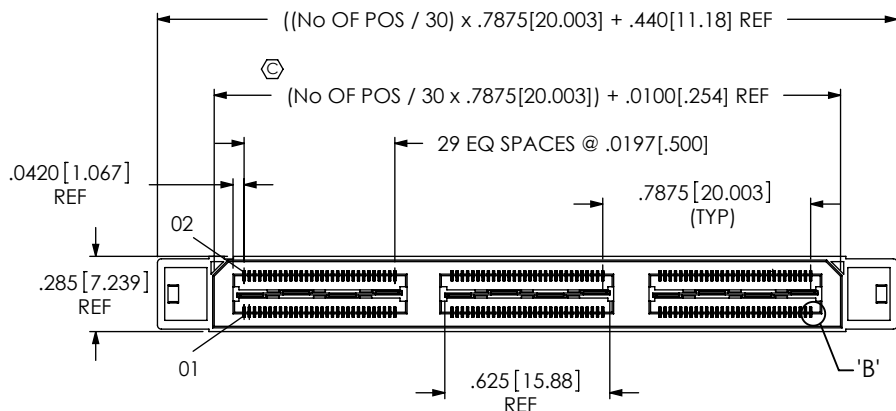


ASO ONLY (APPLICATION SPECIFIC ORDER)

QSH-XXX-01-X-D-EMX

DO NOT SCALE FROM THIS PRINT



**No OF POSITIONS**  
 -030, -060, -090,  
 \*120, \*-150  
 (PER ROW)

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

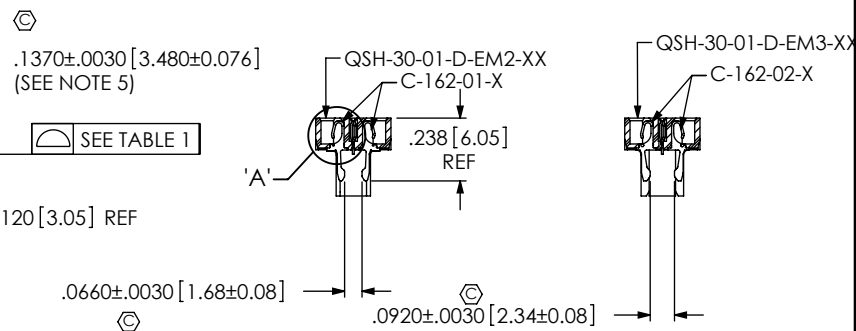
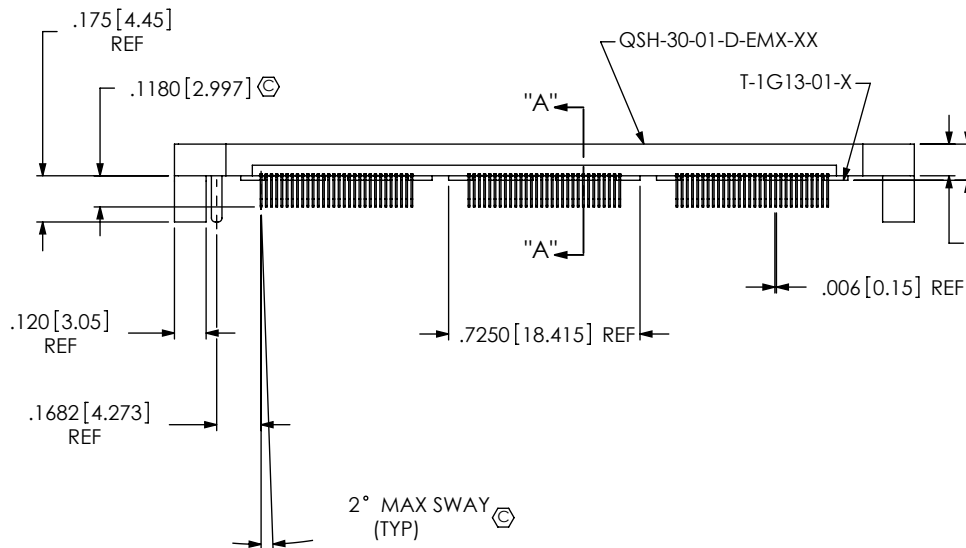
**PLATING SPECIFICATION**  
 (VALUES GIVEN ARE IN MICRO INCHES)  
 -F: FLASH SELECTIVE, 3 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL. (USE C-162-XX-F & T-1G13-01-F) (SEE NOTE 6)  
 -L: LIGHT SELECTIVE, 10 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL. (USE C-162-XX-L & T-1G13-01-L)  
 -H: HEAVY GOLD, 30 Au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

**EDGE MOUNT THICKNESS**  
 -EM2: .064[1.63] +/- .004 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

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

**No OF BANKS**

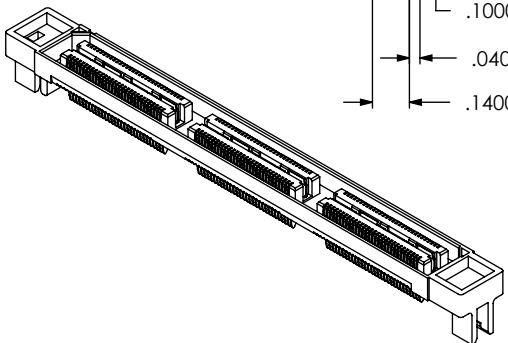
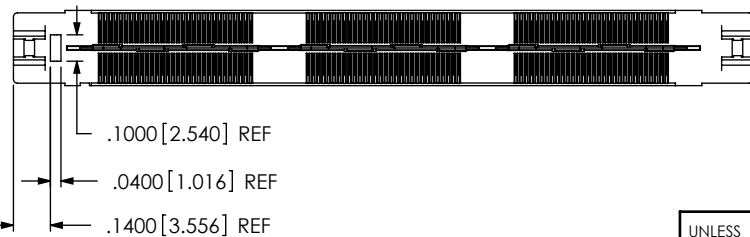
\*SEE NOTE 11 BELOW NO OF POSITIONS



**SECTION "A-A"**  
 EDGE MOUNT THICKNESS  
 -EM2: .064 [1.63] +/- .004 PCB

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

- NOTES:
1. Ⓢ 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 PLATED SIGNAL PIN.
  7. NOTE DELETED.
  8. NOTE DELETED.
  9. 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.
  10. -EM3 IS NOT A STANDARD OFFERING; AVAILABLE AS AN ASP ONLY. PLEASE CONTACT SAMTEC INTERCONNECT PROCESSING GROUP WITH ORDER INQUIRIES
  11. FOR NEW APPLICATIONS REQUIRING THESE POSITIONS, PLEASE CONTACT SAMTEC INTERCONNECT PROCESSING GROUP.



**TABLE 1** Ⓢ

No OF POSITIONS	ASSEMBLY BOW	GND PLANE COPLANARITY
-030 & -060	.004 [.10]	.004 [.10]
-090, -120, & -150	.005[1.27]	.005[1.27]

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: 1.375:1  
 INSULATOR: LCP, UL 94 VO, COLOR: BLACK  
 CONTACT & GROUND PLANE: PHOS BRONZE

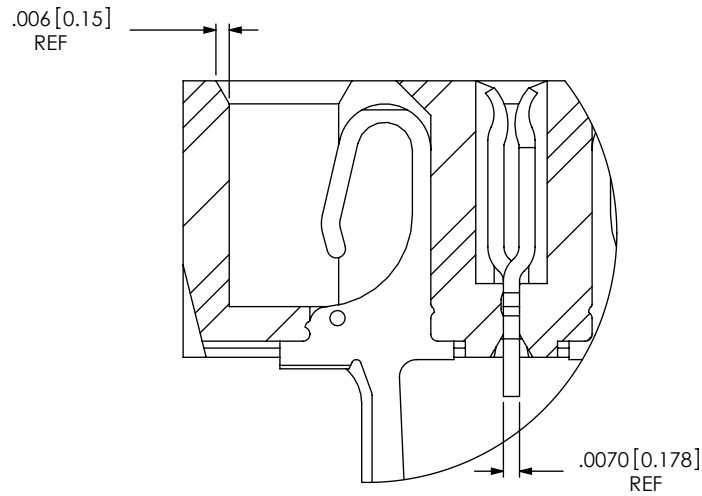
F:\DWG\MISC\MKTG\QSH-XXX-01-X-D-EMX-MKT.SLDDRW

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

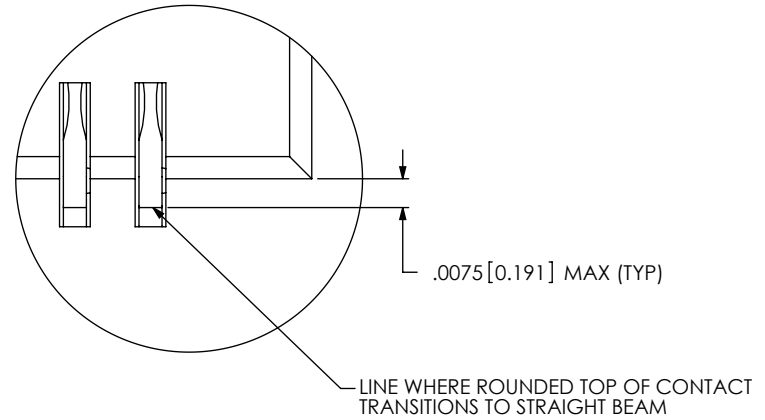
**DESCRIPTION:**  
 .5MM EDGE MOUNT HIGH SPEED SOCKET ASSEMBLY

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

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



DETAIL 'A'  
SCALE 2:1



DETAIL 'B'  
SCALE 20:1

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DO NOT SCALE DRAWING

SHEET SCALE: 4:1

**samtec**

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

DESCRIPTION:  
.5MM EDGE MOUNT HIGH SPEED SOCKET ASSEMBLY

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

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