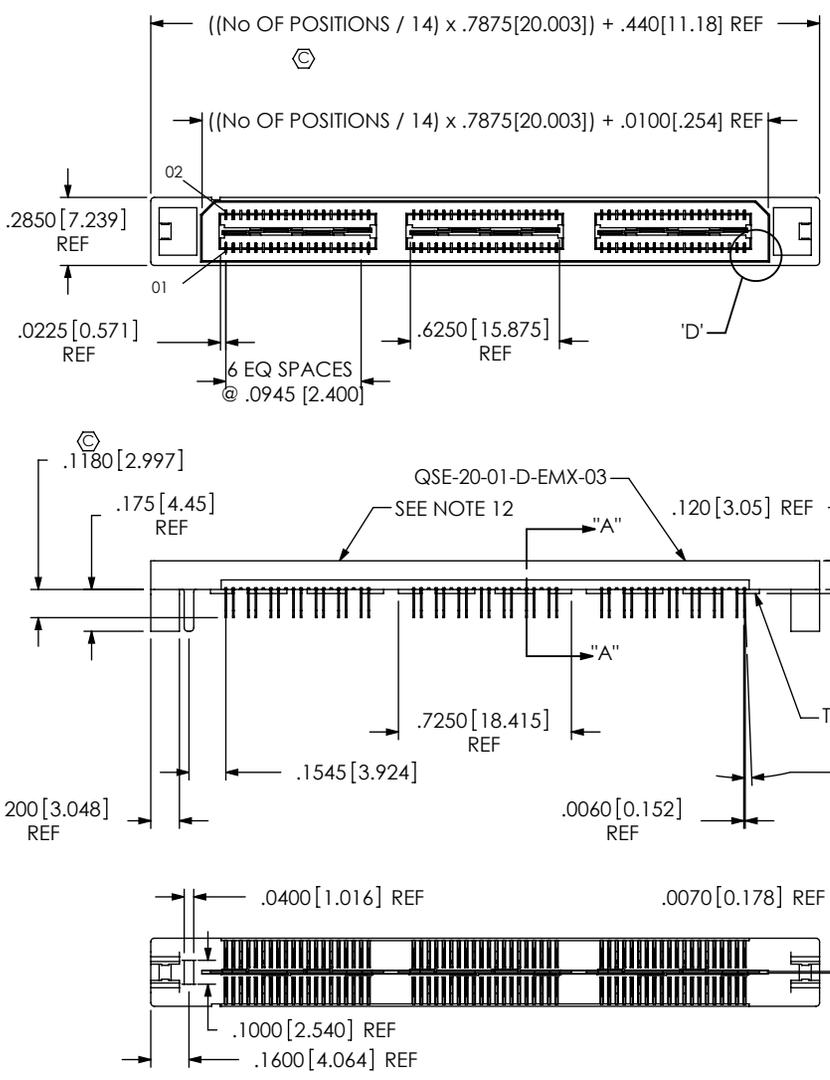


FIG 1
QSE-042-01-X-D-DP-EMX SHOWN
ASO ONLY (APPLICATION SPECIFIC ORDER)



DO NOT SCALE FROM THIS PRINT

QSE-XXX-01-X-D-DP-EMX-XX

No OF PAIRS
 -014, -028, -042
 ** -056, ** -070
 (PER ROW)
 ** SEE NOTE 13

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

PLATING SPECIFICATION
 PLATING THICKNESSES ARE FOR SIGNAL PINS ONLY. FOR GROUND PLANE THICKNESSES, SEE PP-T-1G13-XX-X.
 -F: 3u" FLASH SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL (SEE NOTE 6) (USE C-162-XX-F & T-1G13-01-F)
 -L: 10u" LIGHT SELECTIVE GOLD IN CONTACT AREA WITH MATTE TIN ON TAIL (USE C-162-XX-L & T-1G13-01-L)
 -H: 30u" HEAVY GOLD IN CONTACT AREA, 3u" FLASH GOLD ON TAIL (USE C-162-XX-H & T-1G13-01-G)
 -TL: TIN/LEAD (90/10±5%) CONTACT AND TAIL
 -S: 30u" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE C-162-XX-S & T-1G13-01-L)

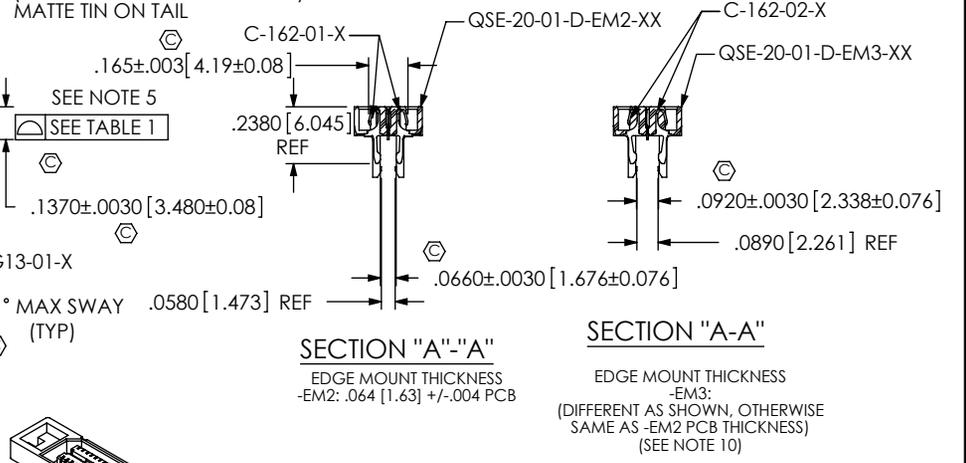
OPTION
 * -GP: GUIDE POST (SEE FIG 3, SHEET 2)
 * EM3-GP=NOT TOOLED

EDGE MOUNT THICKNESS
 -EM2: $.064[1.63] \pm .004$ PCB (USE QSE-20-01-D-EM2-XX & C-162-01-X)
 -EM3: (USE QSE-20-01-D-EM3-XX & C-162-02-X) (SEE NOTE 10)

DIFFERENTIAL PAIR

ROW SPECIFICATION
 -D: DOUBLE (USE QSE-20-01-D-EMX-XX)

No OF BANKS



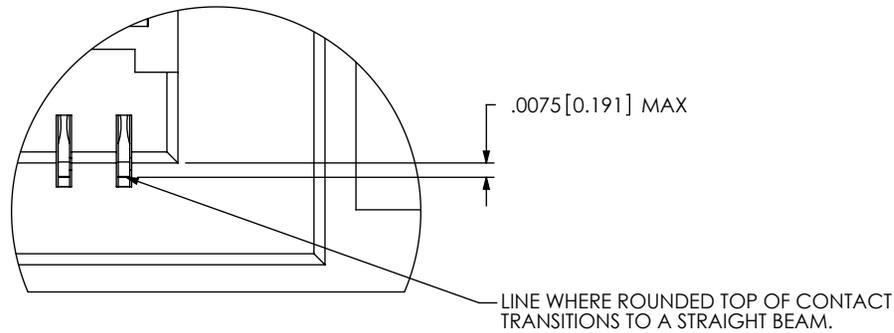
- NOTES:
1. \odot REPRESENTS A CRITICAL DIMENSION.
 2. MINIMUM CONTACT RETENTION: 6 OZ
 3. MINIMUM GROUND PLANE RETENTION: 8 OZ
 4. PARTS ARE MOLD TO POSITION.
 5. MAXIMUM VARIANCE OF .002[0.05]
 6. -L PLATING CAN BE SUBSTITUTED FOR -F PLATING.
 7. NOTE DELETED.
 8. BOARD THICKNESS TO BE MEASURED FROM SOLDER PAD TO SOLDER PAD.
 9. SEE http://www.samtec.com/processing/edgemt_tectalk/index.htm FOR INFORMATION ON PROCESSING EDGE MOUNT PARTS.
 10. -EM3 IS NOT A STANDARD OFFERING; AVAILABLE AS AN ASP ONLY. PLEASE CONTACT SAMTEC INTERCONNECT PROCESSING GROUP WITH ORDER INQUIRIES
 11. NOTE DELETED.
 12. SIDE WALLS ARE RIBBED AS NECESSARY TO CONTROL BOW.
 13. AVAILABLE FOR EXISTING CUSTOMERS ONLY.

TABLE 1

No OF PAIRS	\odot GND PLANE COPLANARITY	ASSEMBLY BOW
-014 THRU -042	.004 [0.10]	.004 [0.10]
** -056 THRU ** -070	.005 [1.27]	.005 [1.27]

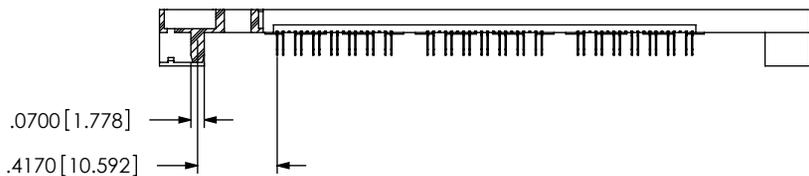
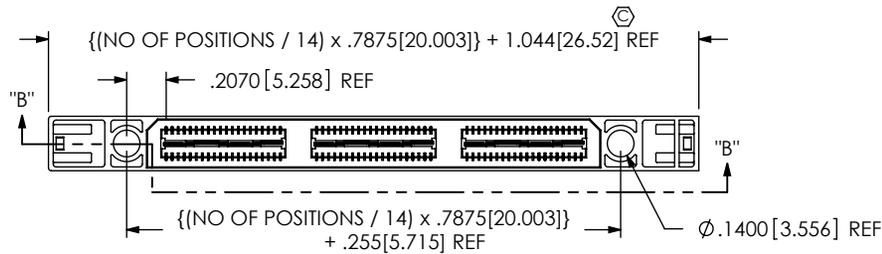
** = SEE NOTE 13

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS ANGLES .XX: $\pm .01[.3]$.XXX: $\pm .005[.13]$.XXXX: $\pm .0020[.051]$	PROPRIETARY NOTE THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.		
		520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail: info@SAMTEC.com code 55322	
MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1:25:1 INSULATOR: LCP, UL 94V0 COLOR: BLACK		DESCRIPTION: .8mm EDGEMOUNT DIFF PAIR HS SOCKET ASSEMBLY	
CONTACT: PHOS BRONZE GROUND PLANE: PHOS BRONZE F:\DWG\MISC\MKTG\QSE-XXX-01-X-D-DP-EMX-XX-MKT.SLDDRW		DWG. NO. QSE-XXX-01-X-D-DP-EMX-XX	
BY: DEAN P 4/10/2001		SHEET 1 OF 2	



DETAIL 'D'
SCALE TO : 1

FIG 3
-GP OPTION
(SAME AS FIG 1, UNLESS OTHERWISE STATED)
(42 POSITION MAX)
(ONLY AVAILABLE WITH -EM2 OPTION)



SECTION "B"-"B"
SCALE 1 : 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:
.8mm EDGEMOUNT DIFF PAIR HS SOCKET ASSEMBLY

DWG. NO.
QSE-XXX-01-X-D-DP-EMX-XX

BY: DEAN P 4/10/2001 SHEET 2 OF 2