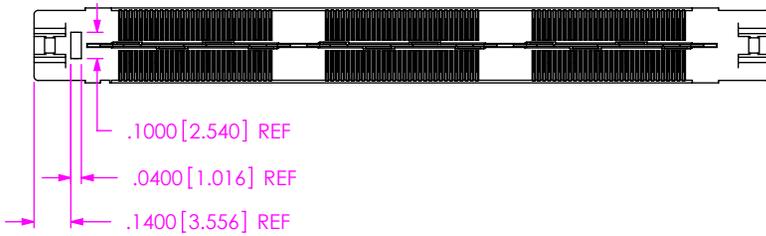
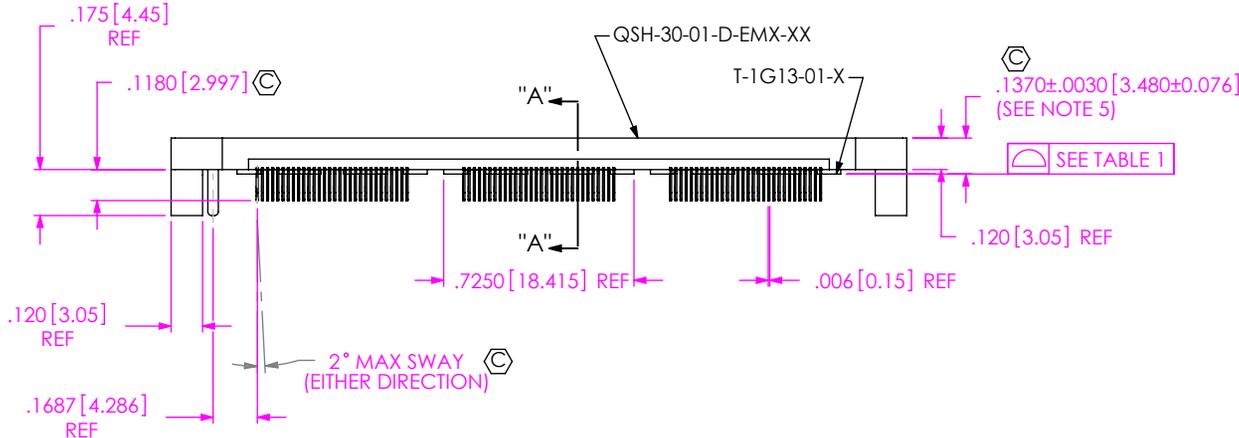
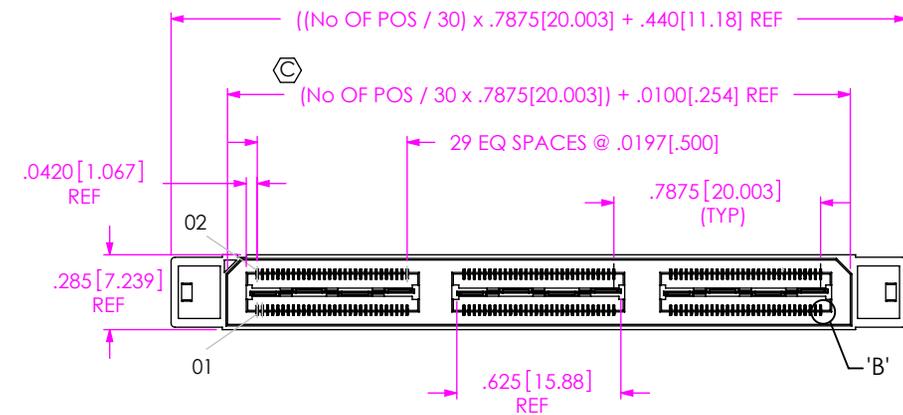


ASO ONLY (APPLICATION SPECIFIC ORDER)

QSH-XXX-01-X-D-EMX

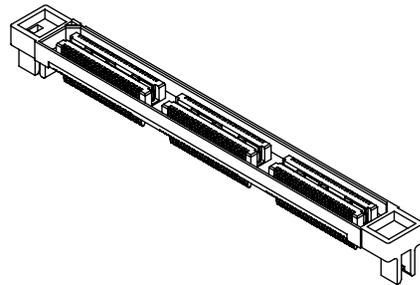
DO NOT SCALE FROM THIS PRINT



No. OF POSITIONS
 -030, -060, -090,
 *-120, *-150
 (PER ROW)
 LEAD STYLE
 -01: .1380[3.505]
 EDGE MOUNT THICKNESS
 -EM2: .064±.004[1.63±0.10] 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

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

*SEE NOTE 11 BELOW NO OF POSITIONS



- NOTES:
1. $\text{\textcircled{C}}$ 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 PLATED SIGNAL PIN.
 7. NOTE DELETED.
 8. NOTE DELETED.
 9. SEE [HTTP://SUDDENDOC.SAMTEC.COM/PROCESSING/EDGE-MOUNT-PROCESSING.PDF](http://SUDDENDOC.SAMTEC.COM/PROCESSING/EDGE-MOUNT-PROCESSING.PDF) 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 $\text{\textcircled{C}}$

No OF POSITIONS	ASSEMBLY BOW	GND PLANE COPLANARITY
-030 & -060	.004 [0.10]	.004 [0.10]
-090, -120, & -150	.005[1.27]	.005[1.27]

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES

.XX: ±.01 [0.3]
 .XXX: ±.005 [0.13]
 .XXXX: ±.0020 [0.051]

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

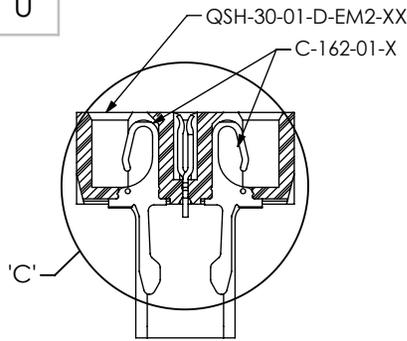
INSULATOR: LCP, UL 94 VO, COLOR: BLACK
 CONTACT & GROUND PLANE: PHOS BRONZE

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

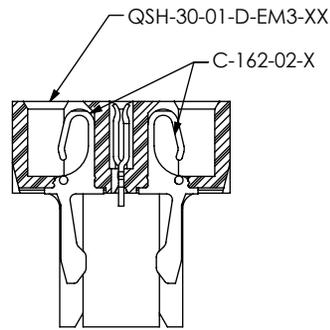
DESCRIPTION:
 .5MM EDGE MOUNT HIGH SPEED SOCKET ASSEMBLY

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

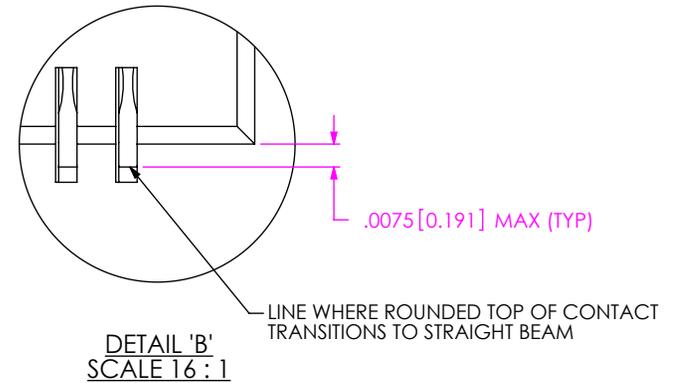
BY: DEAN P 5/31/2000 SHEET 1 OF 2



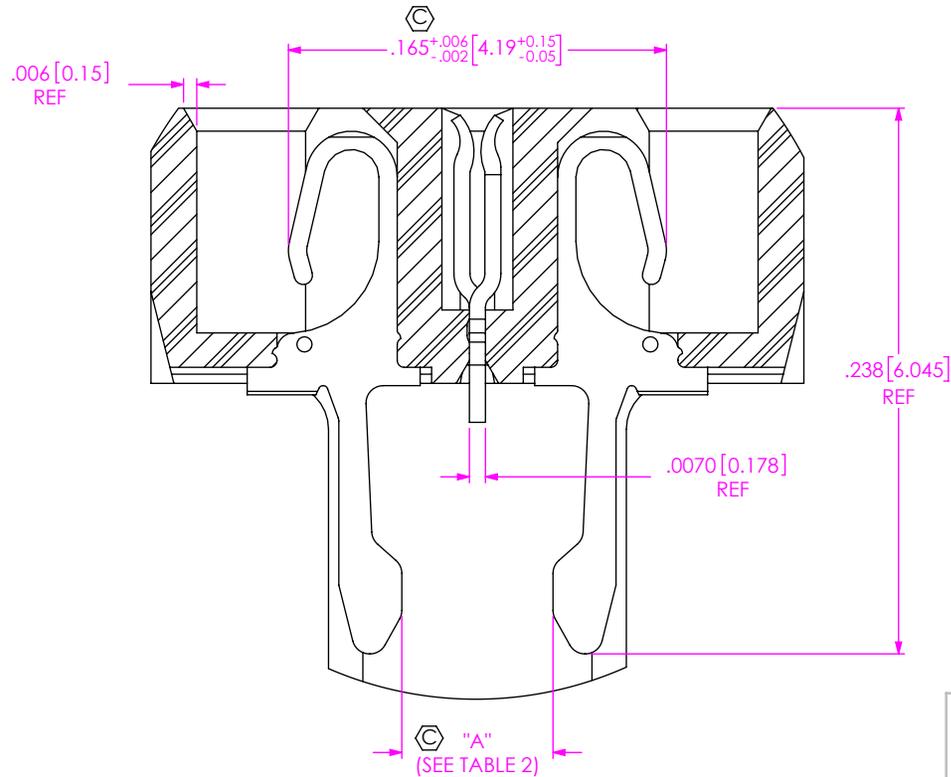
SECTION "A"-"A"
-EM2: .062±.004[1.57±0.10]



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



DETAIL "B"
SCALE 16 : 1



DETAIL "C"
SCALE 12 : 1

TABLE 2		
THICKNESS OPTION	"A"	TOL
-EM2	.0660 [1.676]	+ .0030 [0.076] - .0060 [0.152]
-EM3	.0920 [2.337]	.0030 [0.076]

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DO NOT SCALE DRAWING

SHEET SCALE: 4:1



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

DESCRIPTION:
.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