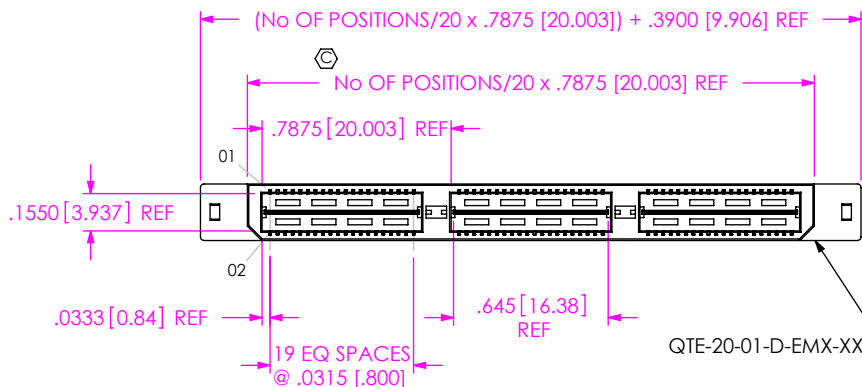


TABLE 2					
EDGE MOUNT THICKNESS	"A"	"B"	"C"	BODY	CONTACT
-EM2	.130[3.30]	.0670[1.702]	.058[1.47]	QTE-20-01-D-EM2-XX	T-1S42-01-XXX
*-EM3	.160[4.06]	.0980[2.489]	.088[2.24]	QTE-20-01-D-EM3-XX	T-1S42-02-XXX

\* = SEE NOTE 13

DO NOT SCALE FROM THIS PRINT



QTE-XXX-01-XXX-D-EMX-XX

No OF POSITIONS  
-020, -040, -060,  
\*\*-080, \*\*100  
(PER ROW)

\*\*SEE NOTE 16

LEAD STYLE  
-01: .1680[4.267]

OPTION

-GP: GUIDE POST  
(USE QTE-20-01-D-EMX-XX-GP,  
SEE FIG 2, SHEET 2)

EDGE MOUNT THICKNESS

-EM2: .064[1.63] +/- .004 PCB  
(USE QTE-20-01-D-EM2-XX & T-1S42-01-X)

-EM3:  
(USE QTE-20-01-D-EM3-XX & T-1S42-02-X)  
(SEE NOTE 13)

ROW SPECIFICATION

-D: DOUBLE (USE QTE-20-XX-D-EMX-XX)

PLATING SPECIFICATION

- F: 3μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAILS  
(USE T-1S42-XX-F & T-1G1-01-F) (SEE NOTE 11)
- L: 10μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAILS  
(USE T-1S42-XX-L & T-1G1-01-L)
- H: 30μ" GOLD IN CONTACT AREA, 3μ" GOLD ON TAIL  
(USE T-1S42-XX-H & T-1G1-01-G)
- C: 50μ" GOLD IN CONTACT AREA, 3μ" GOLD ON TAIL  
(USE T-1S42-XX-C & T-1G1-01-L)
- STL: 30μ" SELECTIVE GOLD IN CONTACT AREA, TIN/LEAD (90%/10 +/-5%) TAIL  
(USE T-1S42-XX-STL & T-1G1-01-STL)
- FTL: 3μ" SELECTIVE GOLD IN CONTACT AREA, TIN/LEAD (90%/10 +/-5%) TAIL  
(USE T-1S42-XX-FTL & T-1G1-01-FTL)

No OF BANKS

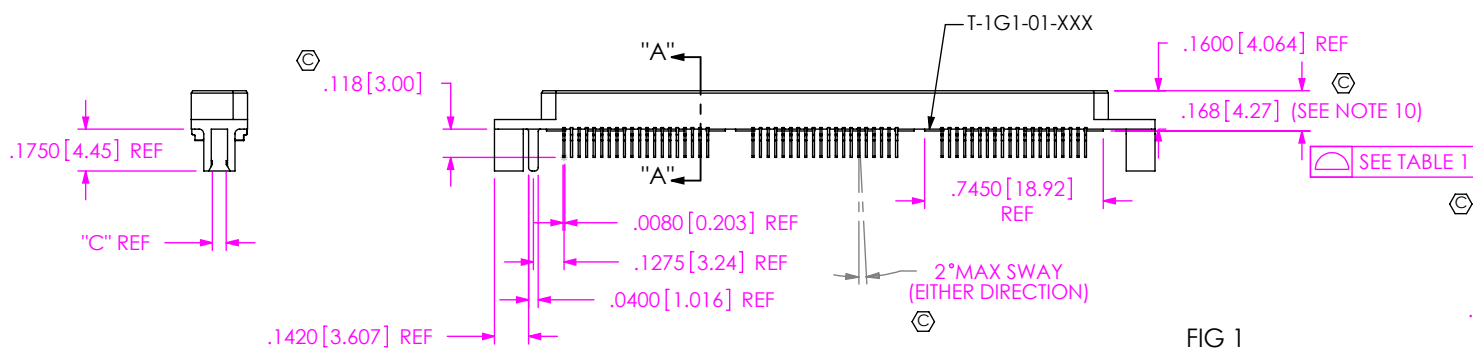
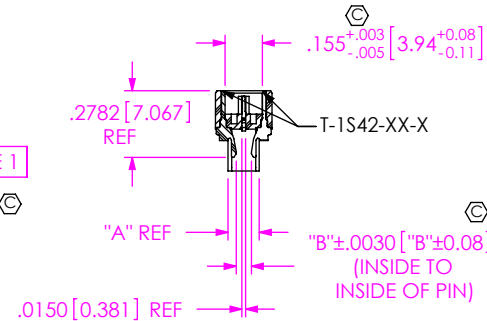


FIG 1  
QTE-060-01-XXX-D-EM2 SHOWN



SECTION "A"- "A"

NOTES:

- ⊙ REPRESENTS A CRITICAL DIMENSION.
- NOTE DELETED.
- MAXIMUM BURR ALLOWANCE: .0015 [0.03]
- MINIMUM TERMINAL RETENTION: 6 OZ.
- MINIMUM GROUND PLANE RETENTION: 1 LB.
- PARTS TO BE MOLD-TO-POSITION.
- NOTE DELETED.
- NOTE DELETED.
- NOTE DELETED.
- NOTE DELETED.
- MAXIMUM VARIANCE: .002 [0.05].
- L PLATING CAN BE SUBSTITUTED FOR -F PLATING.
- SEE [http://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.
- NOTE DELETED.
- PACKAGED IN TRAYS.
- AVAILABLE FOR EXISTING CUSTOMERS ONLY.
- ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM

TABLE 1		
No OF POSITIONS	GND PLANE COPLANARITY	ASSEMBLY BOW
-020 THRU -060	.004 [0.10]	.004 [0.10]
**080 THRU **100	.005[1.27]	.005[1.27]

\*\* = SEE NOTE 16

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

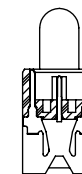
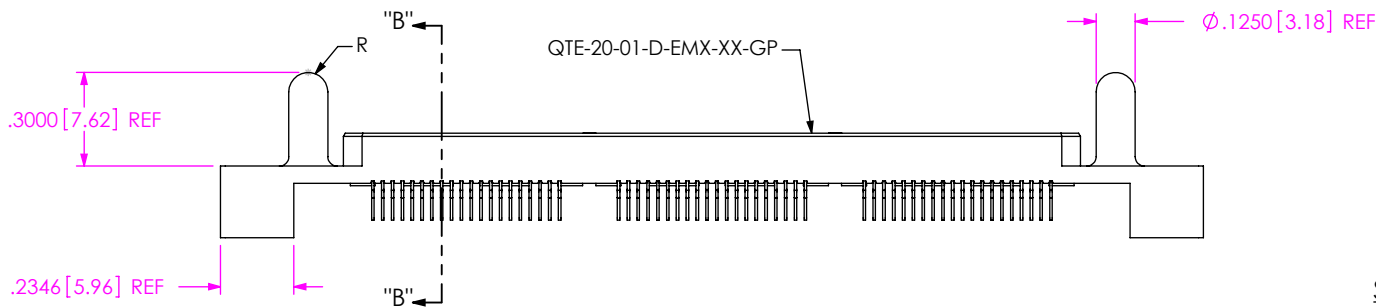
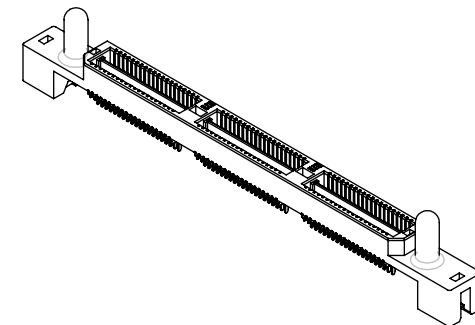
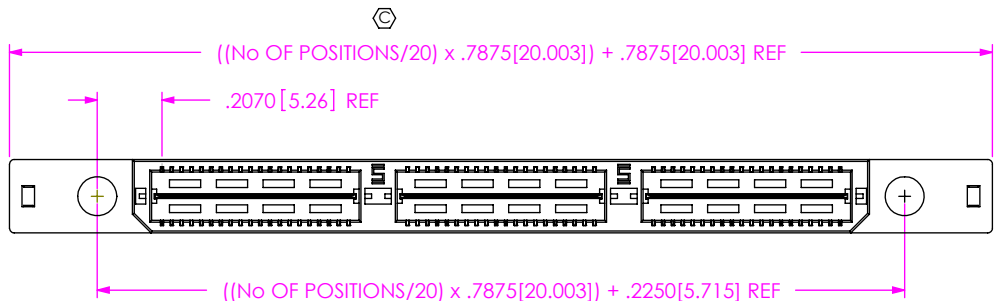
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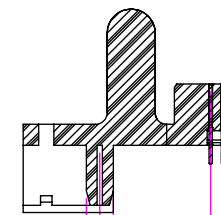
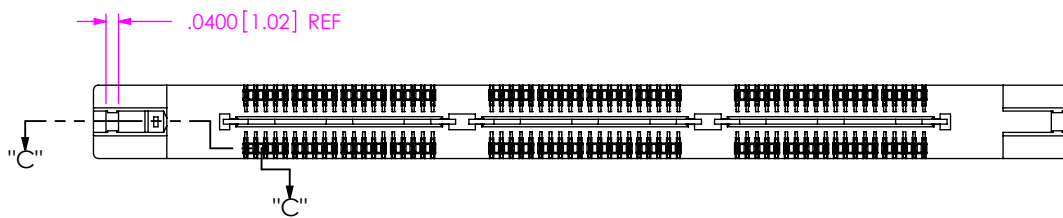
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail - info@SAMTEC.com code 55322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1:0.8  
INSULATOR: LCP COLOR: BLACK  
TERMINAL & GROUND PLANE: PHOS BRONZE

DESCRIPTION: .8mm EDMOUNT HS TERMINAL ASSEMBLY  
DWG. NO. QTE-XXX-01-XXX-D-EMX-XX  
BY: DEAN P 9/2/1999 SHEET 1 OF 2



SECTION "B"-"B"



$.0700[1.78] \text{ REF}$   
 $.2887[7.33] \text{ REF}$

SECTION "C"-"C"  
SCALE 2 : 1

FIG 2  
-GP OPTION  
( SAME AS FIG 1, UNLESS OTHERWISE STATED )

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 e-Mail info@SAMTEC.com code 55322

DO NOT SCALE DRAWING

SHEET SCALE: 1.625:1

DESCRIPTION:  
.8mm EDGEMOUNT HS TERMINAL ASSEMBLY

DWG. NO.  
QTE-XXX-01-XXX-D-EMX-XX

BY: DEAN P 9/2/1999 SHEET 2 OF 2