

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

BTH-XXX-XX-X-D-EMX

No OF POSITIONS
-030, -050, -060, -090,
**-120, **-150
(PER ROW)
**SEE NOTE 11

EDGE MOUNT THICKNESS
-EM2: .062[1.57] PCB
(USE BTH-XXX-01-D-EM2 &
T-1S42-01-X)
* -EM3:
(USE BTH-XXX-01-D-EM3 &
T-1S42-02-X)

SEE NOTE 10

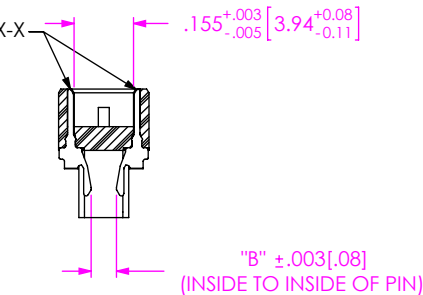
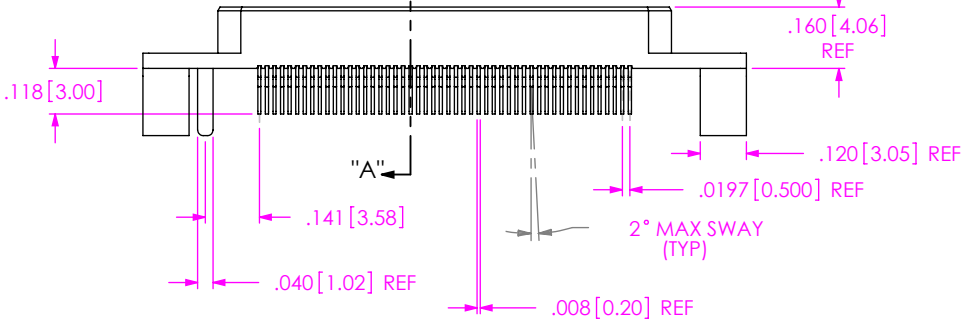
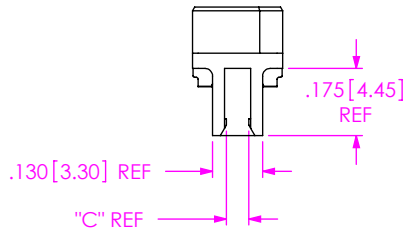
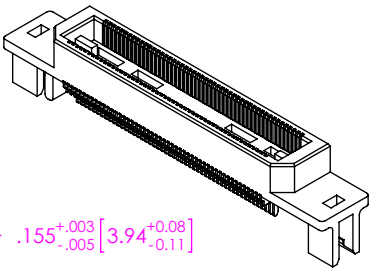
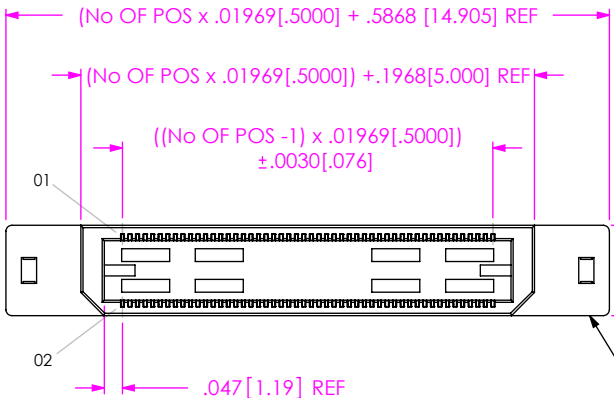
LEAD STYLE
-01

PLATING SPECIFICATION
-F: FLASH SELECTIVE GOLD WITH
MATTE TIN TAILS
(USE T-1S42-XX-F) [SEE NOTE 6]
-L: LIGHT SELECTIVE GOLD WITH
MATTE TIN TAILS
(USE T-1S42-XX-L)
-H: HEAVY GOLD
(USE T-1S42-XX-H)

ROW SPECIFICATION
-D: DOUBLE
(USE BTH-XXX-01-D-EMX)

* = NOT RELEASED FOR PRODUCTION
SEE NOTE 10

DO NOT
SCALE FROM
THIS PRINT

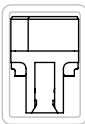


SECTION "A"- "A"

NOTES:

1. $\varnothing$ REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: .0015 MAX.
3. MINIMUM PUSHOUT FORCE: 5 OZ.
4. MAXIMUM ALLOWABLE BOW: SEE TABLE 2.
5. PARTS TO BE MOLDED TO POSITION.
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 TEK TALK GUIDE FOR PROCESSING EDGE MOUNT PARTS TO BOARD.
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.
12. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.

PACKAGING VIEW
(PARTS TO HAVE POSITION
#1 LOADED IN SAME
DIRECTION AS
ARROW ON TUBE)



TUBE: PT-1-24-01-95
PLUG: TP-03

TABLE 2: BOW		
No OF POSITIONS	TOP/BOTTOM	SIDE/SIDE
-030, -060, -090	.003 [.08]	.003 [.08]
-120, -150	.004 [.10]	.003 [.08]

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.

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1
INSULATOR: LCP, COLOR: BLACK
TERMINAL: PHOS BRONZE



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 TERMINAL ASSEMBLY, EDGE MOUNT
DWG. NO. BTH-XXX-XX-X-D-EMX
BY: DEAN P 5/3/2000 SHEET 1 OF 1