REVISION Z

DO NOT SCALE FROM THIS PRINT
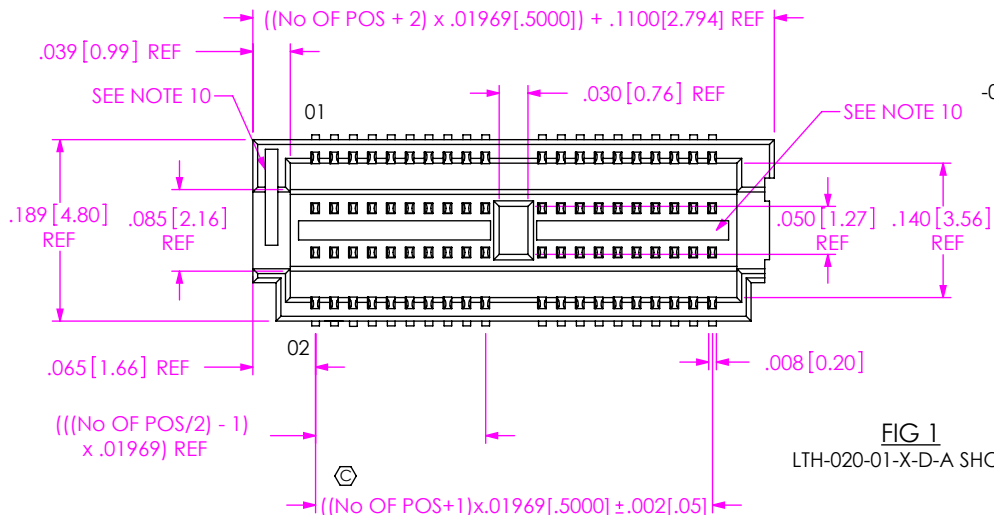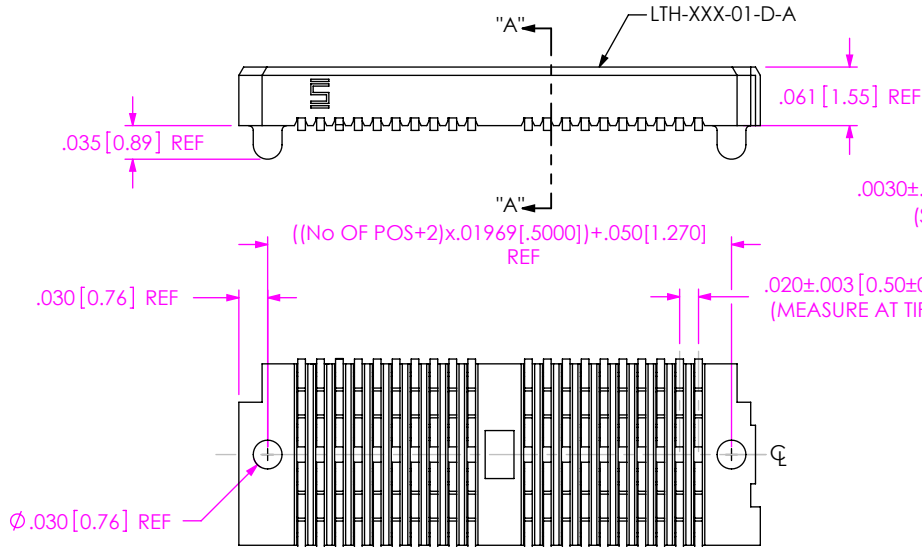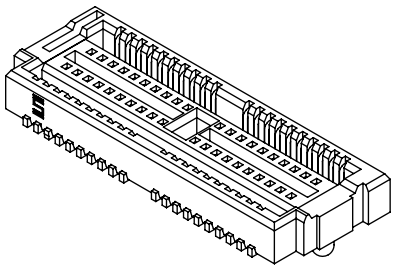
.039[0.99] REF

SEE NOTE 10

((No OF POS + 2) x .01969[.5000]) + .1100[2.794] REF

.030[0.76] REF

SEE NOTE 10

01

.189[4.80] REF

.085[2.16] REF

.050[1.27] REF

.140[3.56] REF

.065[1.66] REF

02

.008[0.20]

(((No OF POS/2) - 1) x .01969) REF

((No OF POS+1)x.01969[.5000] ±.002[.05])

FIG 1
LTH-020-01-X-D-A SHOWN

LTH-XXX-XX-X-D-A-X-XX
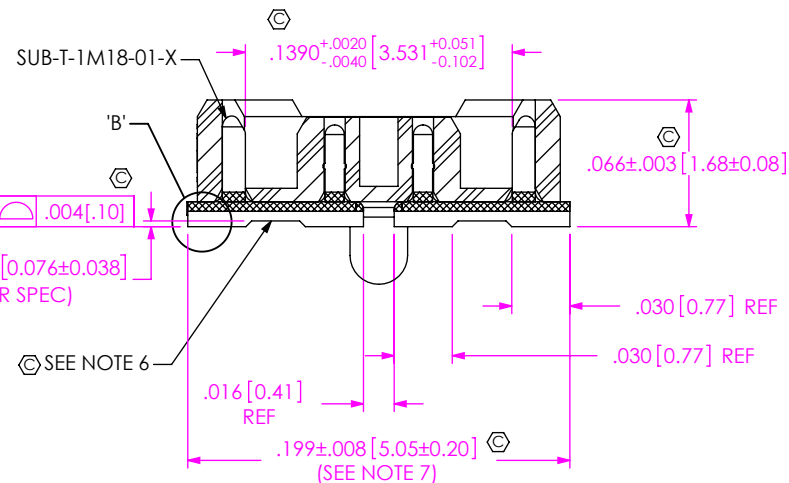
No OF POSITIONS
-010, -020, -030, -040, -050,
(PER ROW)

PACKAGING (SEE NOTES 12 & 13)
BLANK: TUBES (SEE NOTE 11)
-TR: TAPE & REEL
-FR: FULL REEL QTY TAPE & REEL

LEAD STYLE
-01:SURFACE MOUNT
(USE SUB-T-1M18-01-X PIN)

PAD
-K: POLYIMIDE FILM PAD
(USE K-DOT-.217-.313-005,
SEE FIG. 2, SHT 2)

-A: ALIGNMENT PIN

PLATING SPECIFICATION
-G: 10µ" GOLD IN CONTACT AREA,
3µ" GOLD ON TAIL
-H: 30µ" HEAVY GOLD IN CONTACT
AREA, 3µ" GOLD ON TAIL

ROW SPECIFICATION
-D: DOUBLE
(USE LTH-XXX-01-D-A)

"A"

LTH-XXX-01-D-A

.061[1.55] REF

.035[0.89] REF

"A"

((No OF POS+2)x.01969[.5000])+.050[1.270] REF

.030[0.76] REF

.020±.003[0.50±0.08]
(MEASURE AT TIPS)

Ø.030[0.76] REF

SUB-T-1M18-01-X

$.1390^{+.0020}_{-.0040}[3.531^{+0.051}_{-0.102}]$

'B'

.066±.003[1.68±0.08]

.004[.10]

.0030±.0015[0.076±0.038]
(SHEAR SPEC)

SEE NOTE 6

.016[0.41] REF

.199±.008[5.05±0.20]
(SEE NOTE 7)

.030[0.77] REF

.030[0.77] REF

SECTION "A"-"A"
SCALE 10 : 1

SHEAR TO .004[.10]
MAX BURR

DETAIL 'B'
SCALE 20 : 1

NOTES:
1. ⬡ REPRESENTS A CRITICAL DIMENSION.
2. MAXIMUM BURR ALLOWANCE: .001[0.03]
3. MINIMUM PUSHOUT FORCE: 6 OZ
4. PARTS TO BE MOLDED TO POSITION
5. DIMENSION APPLIES TO POST SHEARING GEOMETRY,
   DIMENSION INCLUDES SHEAR BURR.
6. CUT IN THIS AREA MUST BE BELOW SURFACE MOUNT LEADS.
7. MAXIMUM VARIATION BETWEEN ADJACENT PINS: .002[0.05]
8. NOTE DELETED.
9. NOTE DELETED.
10. VOIDS CAN BE USED AT VENDORS DISCRETION
    TO CONTROL WARP.
11. TUBES ARE STANDARD PACKAGING
12. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC
    PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON
    WWW.SAMTEC.COM
13. ATTACH LABEL TO EACH REEL

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS   ANGLES
.XX: ±.01[.3]   2°
.XXX: ±.005[.13]
.XXXX: ±.0020[.051]

MATERIAL:
INSULATOR: BLACK LCP
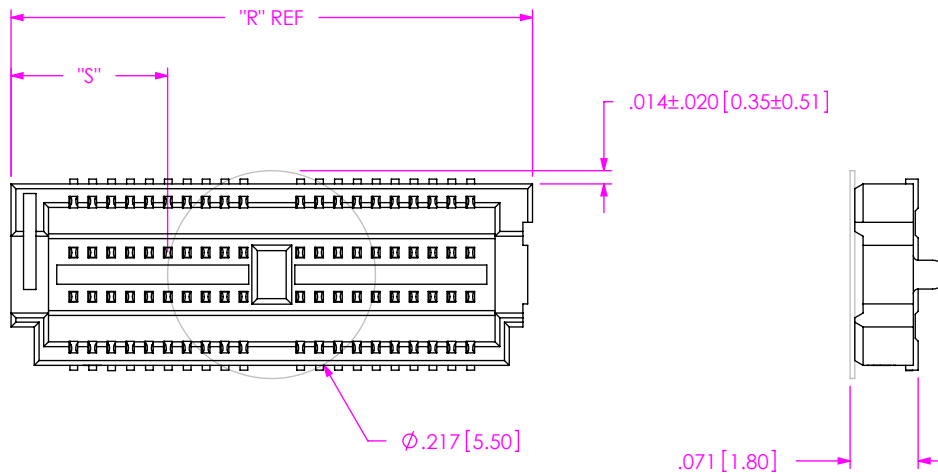CONTACT: PHOS. BRONZE

DO NOT SCALE DRAWING

SHEET SCALE: 5:1

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 LOW PROFILE TERMINAL ASSEMBLY

DWG. NO.
LTH-XXX-XX-X-D-A-X-XX

BY: ERIC M   7/1/99   SHEET 1 OF 2

F:\DWG\MISC\MKTG\LTH-XXX-XX-X-D-A-X-XX-MKT.SLDDRW

REVISION Z

"R" REF

"S"

.014±.020 [0.35±0.51]

Ø.217 [5.50]

.071 [1.80]

NOTE: "R" = ((No OF POSITIONS + 2) x .01969[.5000]) + .1100[2.794]
"S" = (("R" - .217[5.50]) / 2) ±.020[.51]

FIG 2
-K: POLYIMIDE FILM PAD
(USE K-DOT-.217-.313-005)
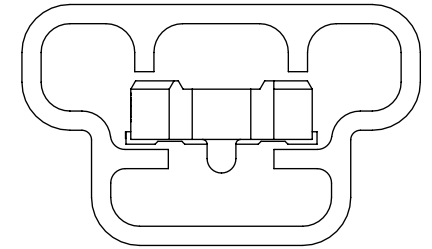
TUBE: PT-LTH001
PLUG: TP-12

PACKAGING VIEW
(PARTS TO HAVE POSITION #1 LOADED
IN SAME DIRECTION AS ARROW ON TUBE)
TUBE IS USED FOR PARTS WITH OR WITHOUT -K OPTION

DO NOT SCALE DRAWING

SHEET SCALE: 5:1

DESCRIPTION:
.5mm LOW PROFILE TERMINAL ASSEMBLY

DWG. NO.
LTH-XXX-XX-X-D-A-X-XX

F:\DWG\MISC\MKTG\LTH-XXX-XX-X-D-A-X-XX-MKT.SLDDRW

BY: ERIC M   7/1/99   SHEET 2 OF 2