REVISION Z

DO NOT SCALE FROM THIS PRINT

NOTES:

1. Ⓒ REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: 1 LB[4.45N].
3. MAXIMUM ALLOWABLE BOW: .002[0.05] INCH/INCH AFTER ASSEMBLY.
4. POST HEIGHT VARIATION BETWEEN ANY TWO PINS: .005[0.13].
5. FOR ALL PINS: NO BAND MARKS ALLOWED IN POST AREA.
6. MINIMUM RETENTION FOR LOCKING CLIPS: .75LB[3.336N]
7. MEASURE AT BEND.
8. MAXIMUM PIN ROTATION IN BODY TO BE 2°.
9. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
10. ATTACH LABEL-4X2 TO EACH REEL.
11. TUBES ARE STANDARD PACKAGING.

SHF-1XX-01-X-D-XX-XX-XX

No OF POSITIONS
-02 THRU -25

LEAD STYLE
-01:

PLATING SPECIFICATION
-L: 10µ" LIGHT SELECTIVE IN CONTACT AREA, MATTE TIN ON TAIL
-F: 3µ" FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-S: 30µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

ROW SPECIFICATION
-D: DOUBLE

BODY HEIGHT
-TH: THROUGH HOLE (SEE FIG 1, SHT. 1)
-RA: RIGHT ANGLE (SEE FIG 2, SHT. 2)
-SM: SURFACE MOUNT (SEE FIG 3, SHT. 3)

OPTION
-LC: LOCKING CLIP (NOT AVAILBLE WITH -RA)
-K: POLYIMIDE FILM (-SM ONLY) (AVAILABLE IN TAPE & REEL ONLY) (USE K-DOT-.256-.375-.005)

PACKAGING
BLANK: TUBES (SEE NOTE 11)
-TR: TAPE & REEL (SEE NOTES 9 & 10)
-FR: FULL REEL QTY TAPE & REEL (SEE NOTES 9 & 10)

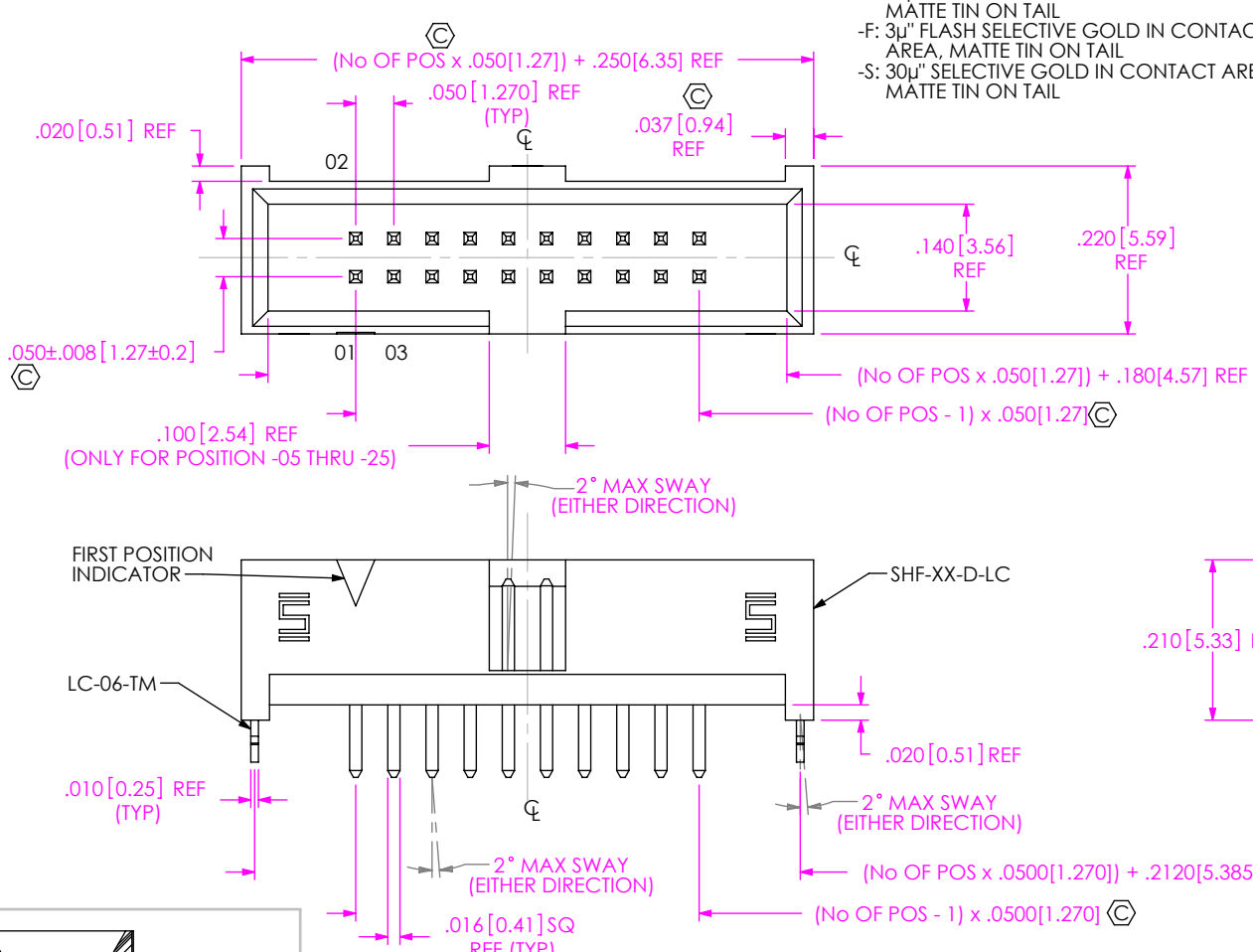
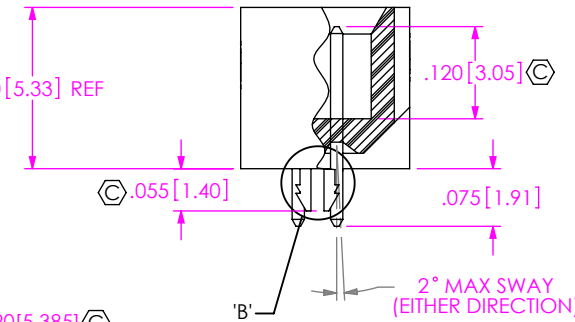
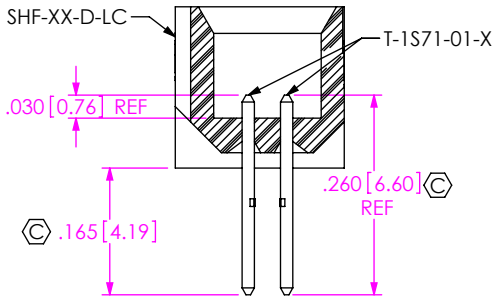


FIG 1
(SHF-110-01-X-D-TH-LC SHOWN)



DETAIL 'B'
SCALE 8 : 1





IN-PROCESS 1
(FOR -TH ONLY)

F:\DWG\MISC\MKTG\SHF-1XX-01-X-D-XX-XX-XX-MKT.SLDDRW

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS
.XX: ±.01 [0.3]
.XXX: ±.005 [0.13]
.XXXX: ±.0020 [0.051]
ANGLES
2°

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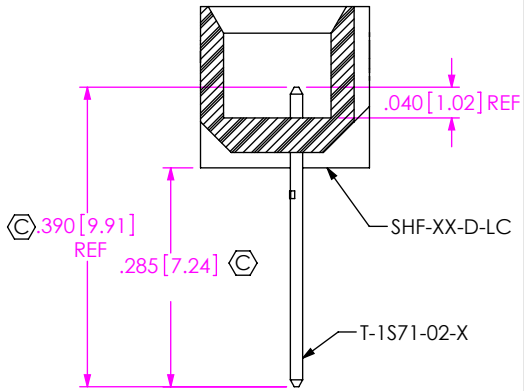
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INSULATOR: SUMIKA E6810LHF, UL 94 VO, COLOR: BLACK
TERMINAL: PHOS BRONZE

DESCRIPTION:
.050 x .050 SHROUDED TERMINAL STRIP

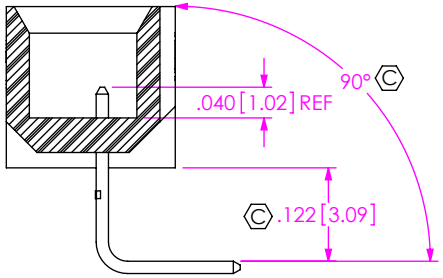
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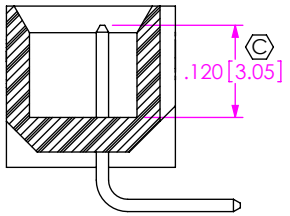
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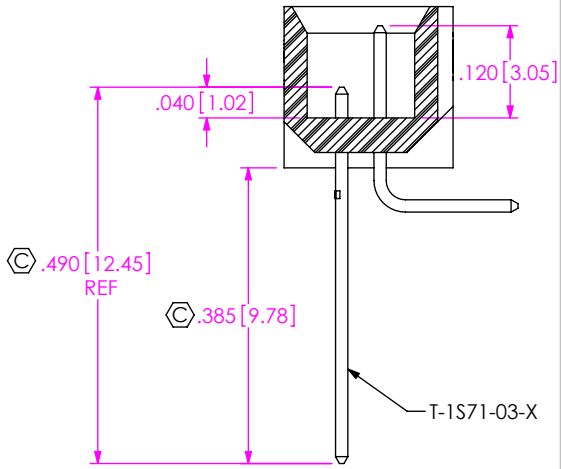
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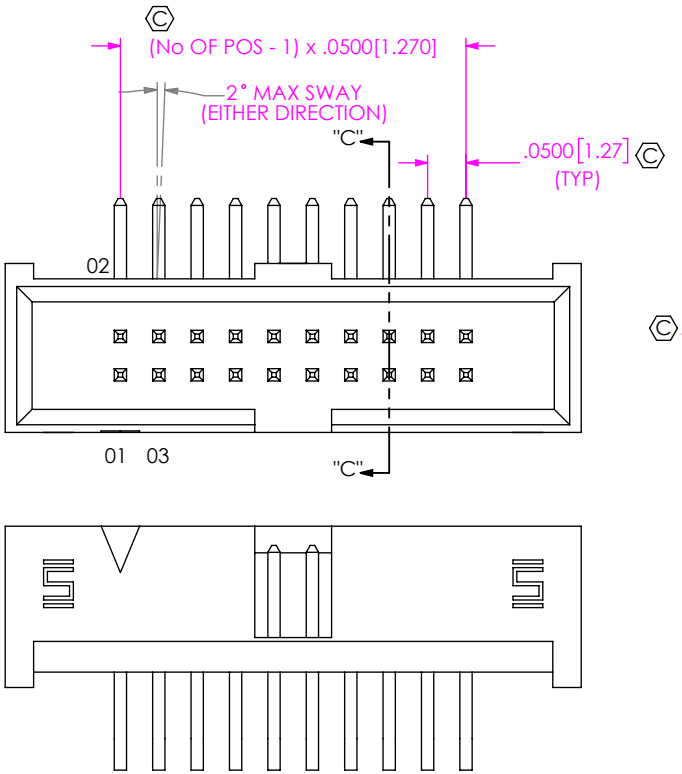
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(FOR -RA ONLY)

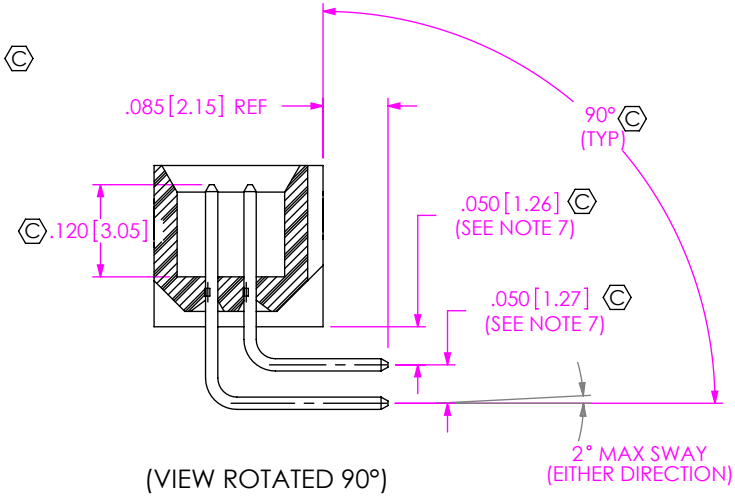


IN-PROCESS 3
(FOR -RA ONLY)



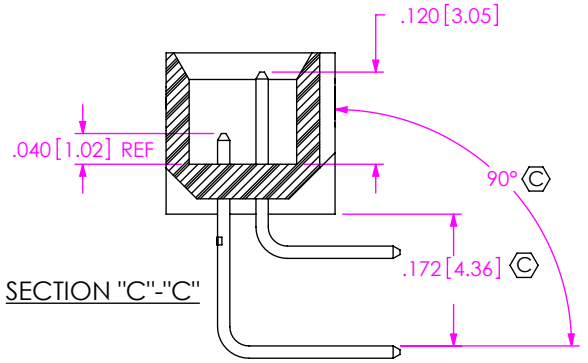
IN-PROCESS 4
(FOR -RA ONLY)





(VIEW ROTATED 90°)

FIG 2
(SHF-110-01-X-D-RA SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)



IN-PROCESS 5
(FOR -RA ONLY)

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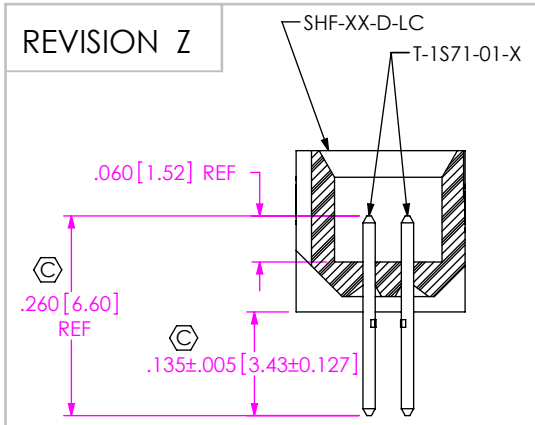
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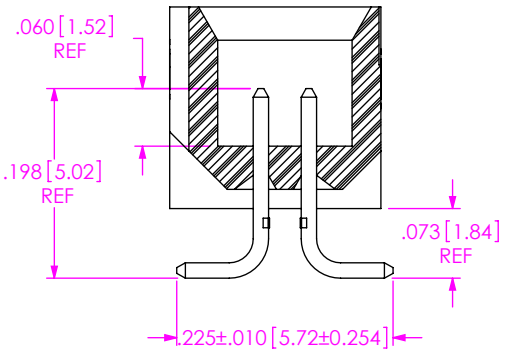
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IN-PROCESS 1
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IN-PROCESS 2
(FOR -SM ONLY)

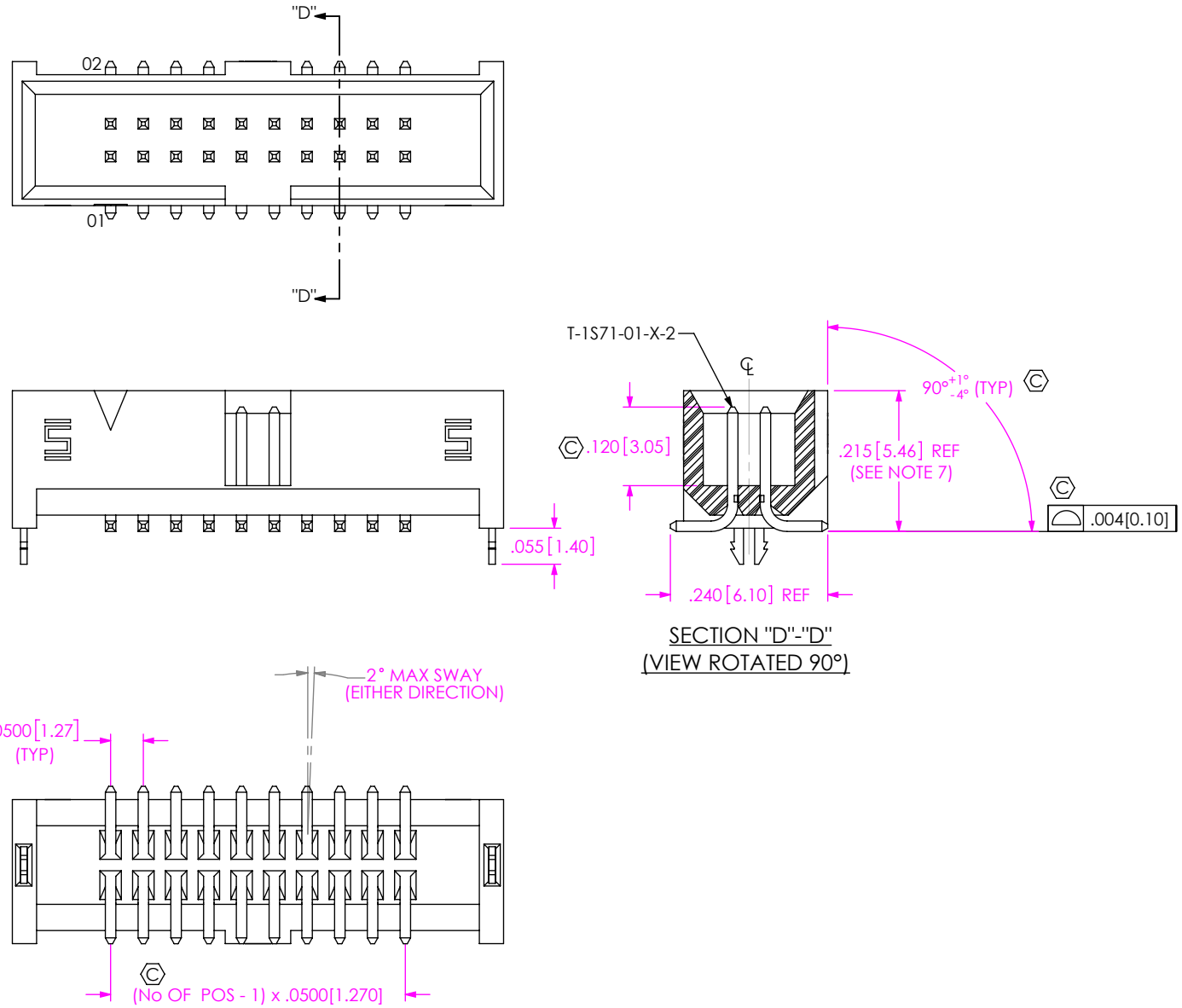


FIG 3
(SHF-110-01-X-D-SM-LC SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)

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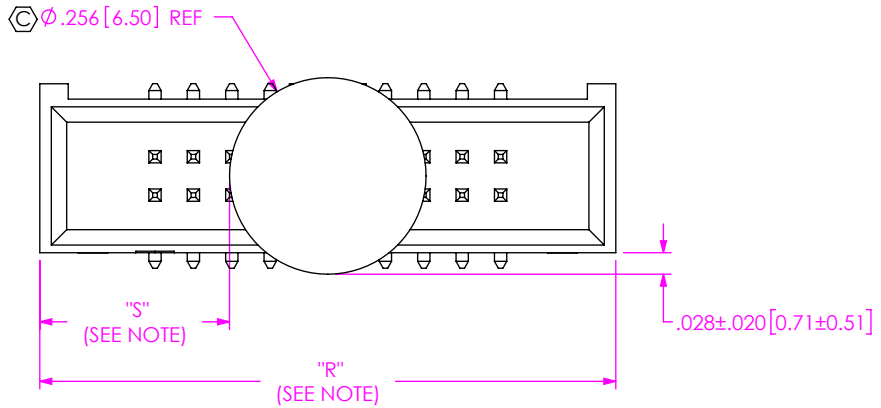
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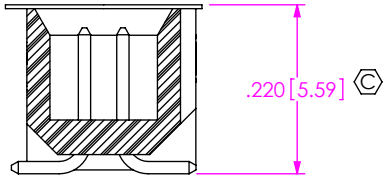
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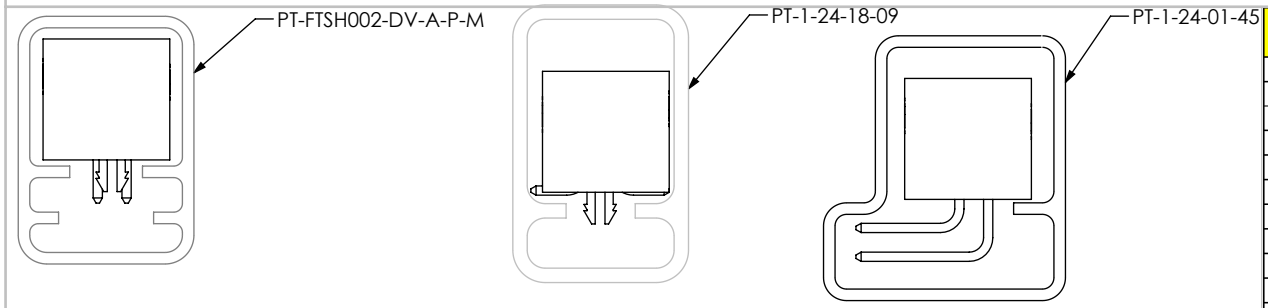


NOTE: "R" = USED MEASURED DIMENSION (REF)
"S" = {("R" -.256[6.50])/2} ±0.020[0.51]



(VIEW ROTATED 90°)

FIG 4
(SHF-110-01-X-D-SM-K SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)

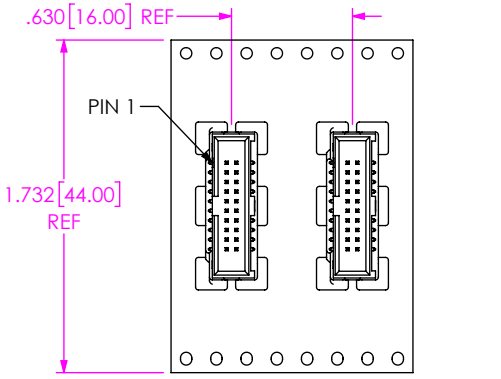


TUBE PACKAGING VIEW
ALL PARTS ARE LOADED WITH POSITION 1
TOWARD THE ARROW "EXCEPT -RA"

TABLE 1		
OPTIONS	PACKAGING TUBE	PLUG
-TH, -TH-LC	PT-FTSH002-DV-A-P-M	TP-03
-SM-LC	PT-1-24-18-09	TP-03
-RA	PT-1-24-01-45	TP-07
-SM	PT-1-24-18-09	TP-03

NOTE: ALL POSITIONS ARE TO BE TUBED

CRITICAL DIMENSION INSPECTION INSTRUCTION TABLE	
ASSEMBLY OPERATION	IN-PROCESS INSPECTION
(-TH) FILL T-1S71-01-X	C3, C6, C7, C8, C30, C31
(-TH) REPRESS T-1S71-01-X	C11
(-RA) FILL T-1S71-02-X	C3, C7, C8, C12, C13
(-RA) RA T-1S71-02-X	C32, C33,
(-RA) REPRESS T-1S71-02-X	C34
(-RA) FILL T-1S71-03-X	C6, C7, C14, C15
(-RA) RA T-1S71-03-X	C35, C36
(-RA) REPRESS T-1S71-03-X	C16, C17, C18, C19, C20, C37
(-SM) FILL T-1S71-01-X	C3, C6, C7, C21, C22
(-SM) REPRESS T-1S71-01-X	C23, C24, C26, C38
INSTALL KAPTON	C27, C28
INSTALL LC-06-TM	C9, C29
CPC'S INTENTIALLY DELETED: C4, C5	



TAPE & REEL PACKAGING VIEW

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