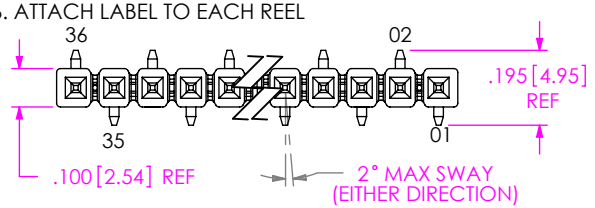
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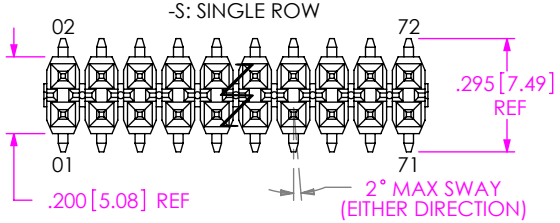
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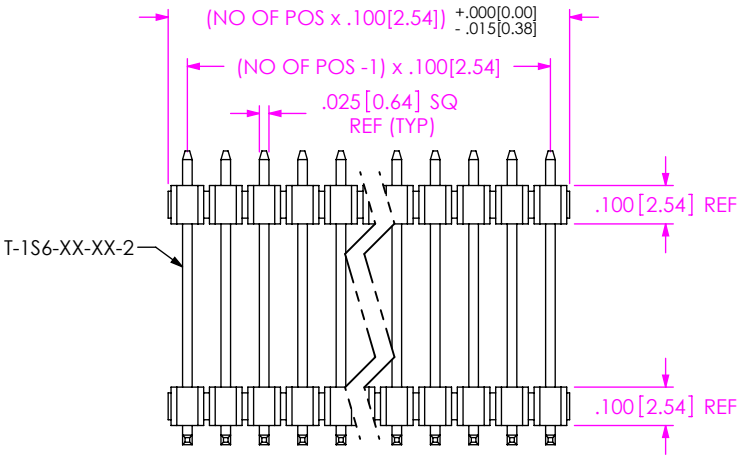
NOTES:

1. Ⓒ REPRESENTS A CRITICAL DIMENSION.
2. TUBE POSITIONS -05 THRU -36 ONLY; POSITIONS -02 THRU -04 TO BE LAYER PACKAGED.
3. MAXIMUM CUT FLASH: .020 [0.51] CUT FLASH TO BE IN A NON-CRITICAL AREA LOCATED BETWEEN BODIES.
4. FOR ADDED MECHANICAL STABILITY, SAMTEC RECOMMENDS MECHANICAL BOARD SPACERS BE USED IN APPLICATIONS WITH GOLD OR SELECTIVE GOLD PLATED CONNECTORS. CONTACT IPG@SAMTEC.COM FOR MORE INFORMATION.
5. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM
6. ATTACH LABEL TO EACH REEL



-S: SINGLE ROW





HW-XX-XX-XX-X-XXXX-SM-X-XXX-XX

No OF POSITIONS
-02 THRU -36

LEAD STYLE
(SEE TABLE 1)

PLATING SPECIFICATION
-T: MATTE TIN ON CONTACT AND TAIL.
-S: 30µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
-G: 10µ" SELECTIVE GOLD IN CONTACT AREA, 3µ" SELECTIVE GOLD ON TAIL.
-L: 10µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
-TL: 250µ" TIN/LEAD ON CONTACT AND TAIL.
-H: 30µ" SELECTIVE GOLD IN CONTACT AREA, 3µ" SELECTIVE GOLD ON TAIL.
-F: 3µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
-TM: MATTE TIN ON CONTACT AND TAIL.
-SM: 30µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
-LM: 10µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
-FM: 3µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.

ROW OPTION
-D: DOUBLE ROW
(USE RTSM-50-DVU FOR BOTTOM INSULATOR)
(USE WRTSM-50-DVU FOR TOP INSULATOR)
-S: SINGLE ROW
(USE TSM-XX-S BODY FOR BOTTOM INSULATOR)
(USE WTSM-50-SV FOR TOP INSULATOR)

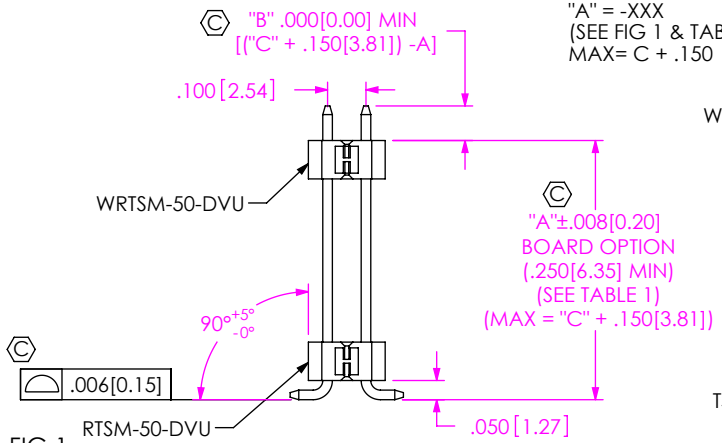
PACKAGING
BLANK: TUBES (SEE NOTE 2)
-TR: TAPE & REEL (SEE NOTE 5 & 6) (4 THRU 27 POSITIONS ONLY) (MAX HEIGHT: .6875)
-FR: FULL REELQTY TAPE & REEL (SEE NOTE 5 & 6) (4 THRU 27 POSITIONS ONLY) (MAX HEIGHT: .6875)

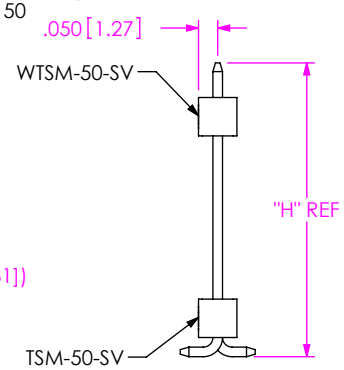
OPTION #2
POLARIZED POSITION
SPECIFY OMITTED PIN

OPTION #1
-LC: LOCKING CLIP (SEE FIG 2, SHT 2)
(-D: USE RTSM-50-DVU, USE LC-05-TM)
(-S: USE TSM-50-SV BODY, USE LC-08-TM-02)
-A: ALIGNMENT PIN (SEE FIG 3, SHT 2)
(-S: 3 POSITION USE TSM-03-SV-A, MUST BE MOLDED TO POSITION)
(4-50 POSITIONS USE TSM-XX-SV-XX, 2 POSITIONS TO USE TSM-48-SV-04)
(-D: FOR MOLDED TO POSITION, USE RTSM-50-DVU-XX BODY, AVAILABLE ON POS -02 THRU -36)
(-D: FOR STAKED, USE RTSM-50-DVU BODY, 3 POS MIN)
LEAVE BLANK FOR NO HOLD DOWN OPTION
(-D: USE RTSM-50-DVU, CAN BE CUT TO POSITION, SEE FIG 1)
(-S: USE TSM-50-SV, CAN BE CUT TO POSITION, SEE FIG 1)

SURFACE MOUNT

BOARD SPACE
"A" = -XXX
(SEE FIG 1 & TABLE 1)
MAX= C + .150





-S: SINGLE ROW

FIG 1
HW-XX-10-XX-X-675-SM SHOWN

TABLE 1					
LEAD STYLE	TERMINAL	"H"	"A" WHEN "B" IS .090[2.29]	"C"	IN-PROCESS OAL REF
-08	T-1S6-08-XX-2	.465 [11.81]	.375 [9.53]	.315 [8.00]	.530 [13.46]
-09	T-1S6-09-XX-2	.665 [16.89]	.575 [14.61]	.515 [13.08]	.730 [18.54]
-10	T-1S6-10-XX-2	.765 [19.43]	.675 [17.15]	.615 [15.62]	.830 [21.08]
-11	T-1S6-11-XX-2	.865 [21.97]	.775 [19.69]	.715 [18.16]	.930 [23.62]
-12	T-1S6-12-XX-2	.965 [24.51]	.875 [22.23]	.815 [20.70]	1.030 [26.16]
-15	T-1S6-15-XX-2	.565 [14.35]	.475 [12.07]	.415 [10.54]	.630 [16.00]
-16	T-1S6-16-XX-2	.380 [9.65]	.290 [7.37]	.230 [5.84]	.445 [11.30]
-17	T-1S6-17-XX-2	.415 [10.54]	.325 [8.26]	.265 [6.73]	.480 [12.19]
-20	T-1S6-20-XX-2	1.065 [27.05]	.975 [24.77]	.915 [23.24]	1.130 [28.70]

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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MATERIAL: INSULATOR: LCP, UL 94 V0, COLOR: BLACK
TERMINAL: PHOS BRONZE

DO NOT SCALE DRAWING SHEET SCALE: 2:1

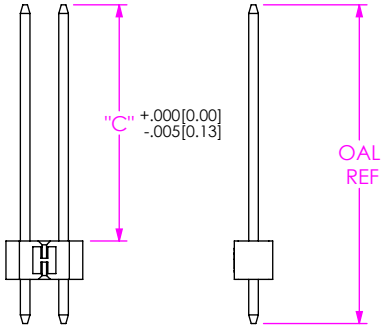
DESCRIPTION: HW BOARD TO BOARD ASSEMBLY

DWG. NO. HW-XX-XX-XX-X-XXXX-SM-X-XXX-XX

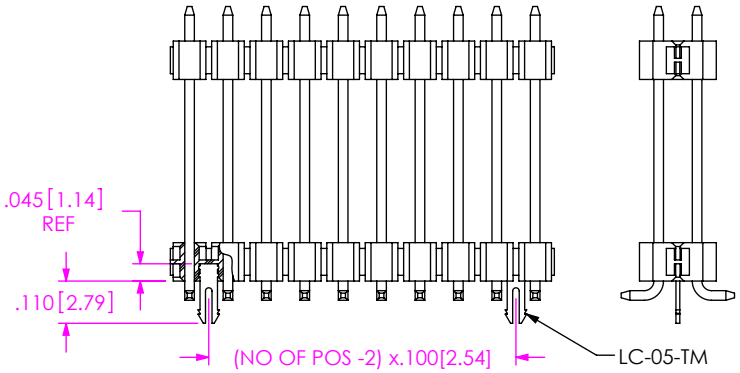
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BY: G PURVIS 03/12/1993 SHEET 1 OF 3

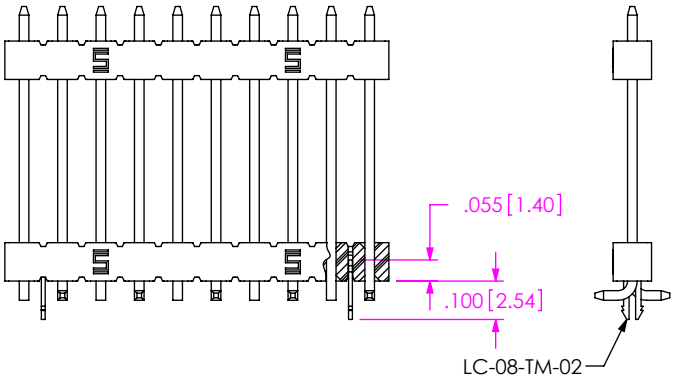
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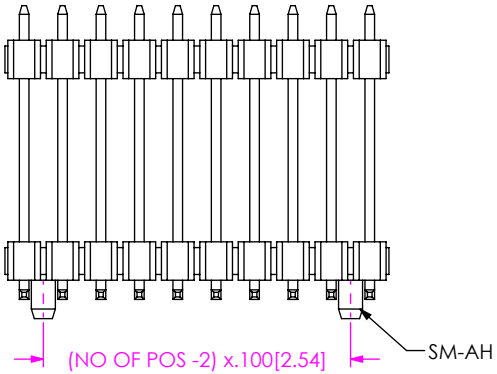


-D: DOUBLE ROW

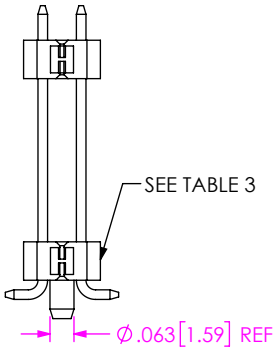


-S: SINGLE ROW

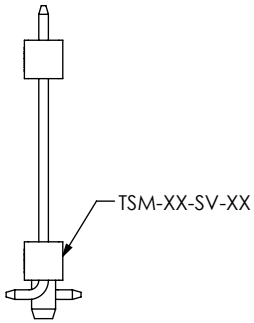
FIG 2
-LC: LOCKING CLIP
(SAME AS FIG 1, DIFFERENT AS SHOWN)



STAKED ALIGNMENT PINS

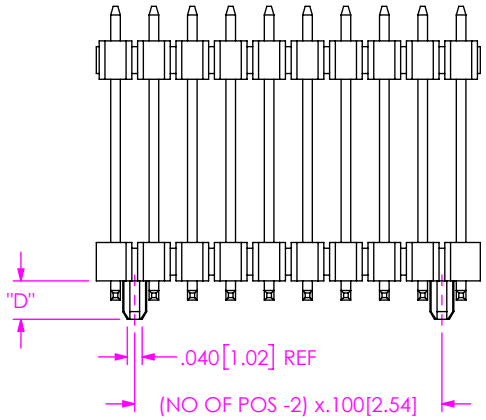


-D: DOUBLE ROW

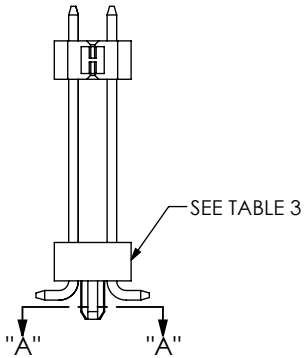


-S: SINGLE ROW

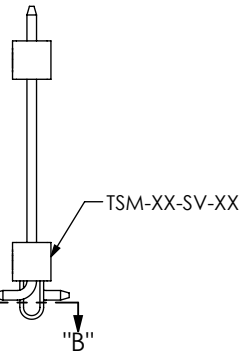
TABLE 3		
	"D"	BODY
MOLDED	.100[2.54] REF	RTSM-50-DVU-XX TSM-XX-SV-XX
STAKED	.100[2.54] ±.005[0.13]	RTSM-50-DVU



MOLDED ALIGNMENT PINS

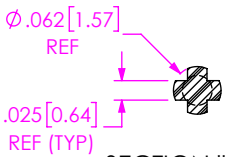


-D: DOUBLE ROW

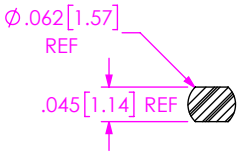


-S: SINGLE ROW

FIG 3
-A: ALIGNMENT PIN
(SAME AS FIG 1, DIFFERENT AS SHOWN)
(2 POS USE 1 PER STRIP, 3-36 POS USE 2 PER STRIP)



SECTION "A"-"A"
SCALE 4 : 1



SECTION "B"-"B"
SCALE 4 : 1

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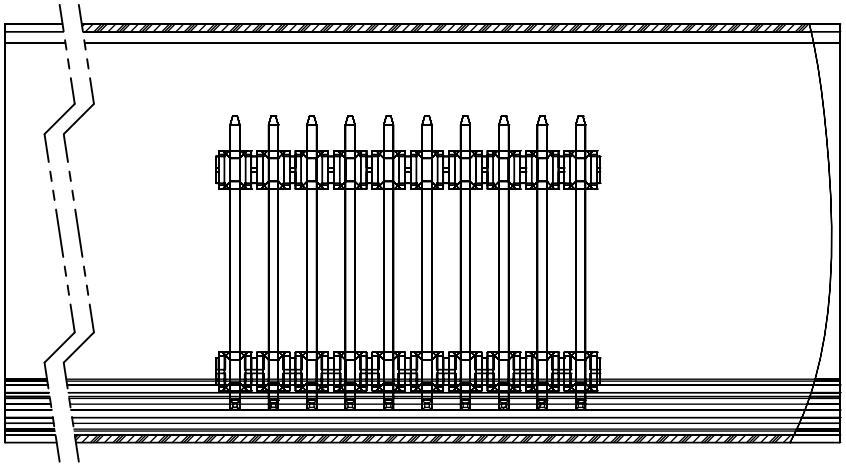
SHEET SCALE: 2:1

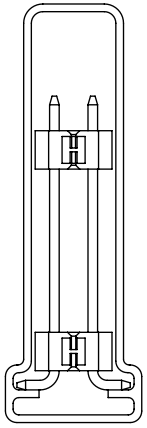
DESCRIPTION: HW BOARD TO BOARD ASSEMBLY

DWG. NO. HW-XX-XX-XX-X-XXXX-SM-X-XXX-XX

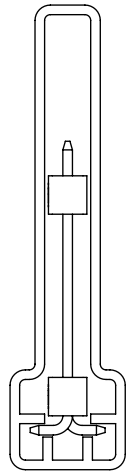
BY: G PURVIS 03/12/1993 SHEET 2 OF 3

REVISION BD





DOUBLE ROW



SINGLE ROW

FIG 4
PACKAGING VIEW
(TUBE PLUG LOCATED AS SHOWN)

TABLE 2			
ROW OPTION	LEAD STYLE	PACKAGING TUBE (SEE NOTE 2)	PLUG
-S: SINGLE	-08, -09, -15, -16, -17	PT-FW006-D-05-P	TP-03
	-10, -11, -12, -20	PT-HW002	TP-03
-D: DOUBLE	-08, -09, -10, -11, -12, -15, -16, -17	PT-1-24-02-47	TP-26
	-20	PT-1-24-03-47	TP-26

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SHEET SCALE: 2:1

DESCRIPTION: HW BOARD TO BOARD ASSEMBLY

DWG. NO. HW-XX-XX-XX-X-XXXX-SM-X-XXX-XX

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IPBS-115-01-T-D-GP FJ-15-D-15.75-4 MMT-110-01-L-DH BBL-102-T-E FTSH-110-01-L-D-K
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