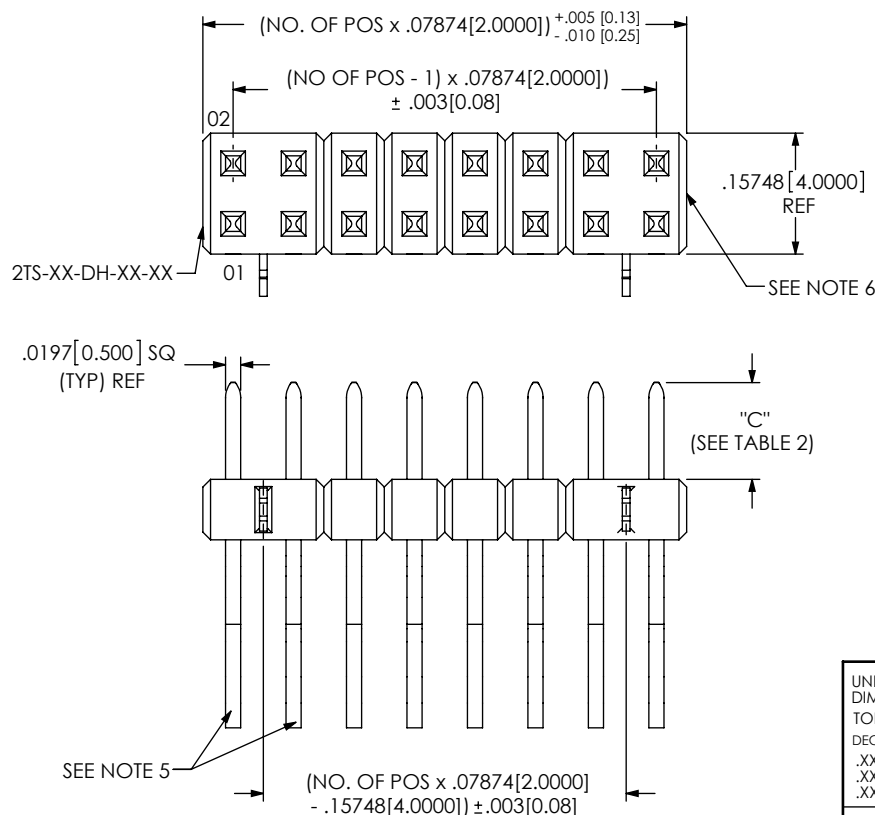


NOTES:

1. REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: 2 LB.
3. FOR NON -LC & -A, USE 2TS-XX-D.
4. COPLANARITY TO INCLUDE INSULATOR.
5. MAX BURR ALLOWANCE: .002[0.05].
6. MAXIMUM CUT FLASH: .015[0.38]. (NO FLASH TO BE ON BOTTOM OF BODY).
7. -M OPTION: PIN B TO BE FLUSH TO +/- .003" A LINE MADE BY THE BODY
-DH OPTION: PIN A TO BE FLUSH TO .003" ABOVE A LINE MADE BY THE BODY
PIN B TO BE FLUSH TO .001" BELOW/.003" ABOVE A LINE MADE BY THE BODY
-SH OPTION: PIN A TO BE FLUSH TO +/- .003" A LINE MADE BY THE BODY.
8. ORIENTATE PINS TO REDUCE THE NUMBER OF BANDOLIER MARKS IN THE POST AREA. (SEE TABLE 4)
9. DUE TO THE HIGH AMOUNT OF INSERTION FORCE NEEDED, THE -LC OPTION IS NOT COMPATIBLE WITH AUTO PLACEMENT. SAMTEC RECOMMENDS MANUAL PLACEMENT FOR ALL ASSEMBLIES WITH THE -LC OPTION.
10. NOTE DELETED.

-H:
-S:

LEAD STYLE	PIN A	PIN B	"C"	"D" REF
-01-SH	T-1S13-20-X-2	N/A	.126 [3.20]	.118 [3.00]
-01-DH	T-1S13-09-X-2	T-1S13-09-X-2	.126 [3.20]	.389 [9.88]
-01-MT	T-1S13-09-X-2	T-1S13-09-X-2	.126 [3.20]	N/A
-02-MT	T-1S13-09-X-2	T-1S13-09-X-2	.175 [4.45]	.331 [8.41]
-02-SH	T-1S13-02-X-2	N/A	.175 [4.45]	.123 [3.12]
-02-DH	T-1S13-09-X-2	T-1S13-09-X-2	.175 [4.45]	.331 [8.41]



MMT-1XX-XX-XX-XX-XX-XXX-X-XX

LEAD STYLE—
-01: .126 [3.20] POST
-02: .175 [4.45] POST
(SEE TABLE 2)

- H: 30µ" HEAVY GOLD IN CONTACT AREA, 3µ" ON TAIL
- S: 30µ" SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL
- L: 10µ" LIGHT SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL
- F: 3µ" FLASH SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL
- T: MATTE TIN CONTACT AND TAIL
- SM: 30µ" SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL
- LM: 10µ" LIGHT SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL
- FM: 3µ" FLASH SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL
- TM: MATTE TIN CONTACT AND TAIL

-TR: TAPE AND REEL
(37 POSTION MAX)
(SEE SHT 5)

-P: PICK & PLACE PAD
(USE PPP-13)
(2 POSITION MINIMUM)

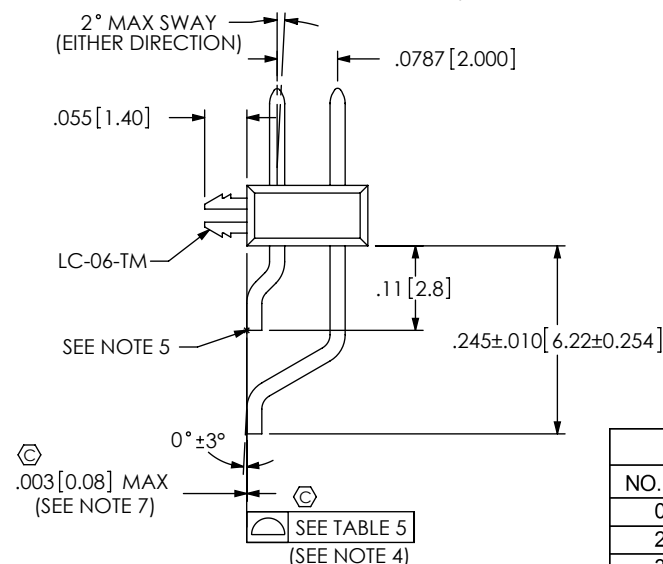
-XXX: POLARIZED POSITION
-XXX SPECIFIES POSITION OMITTED
(SEE POLARIZATION VIEW)

-LC: LOCKING CLIP (SEE NOTE 9)
(FOR -DH USE 2TS-XX-DH-LC-XX)
(FOR -SH USE 2TS-XX-SH)
(NOT AVAILABLE WITH -A)

-A: ALIGNMENT PIN
(FOR -DH USE 2TS-XX-DH-A-XX)
(FOR -SH USE 2TS-XX-SH-A-XX)
(NOT AVAILABLE WITH -LC)

-K: POLYIMIDE FILM PAD (SEE FIG 14, SHT 6)
(3 POS. MIN)
(USE K-DOT-177-281-005)

-SH: SINGLE (2TS-XX-SH-X-XX)
 -DH: DOUBLE (2TS-XX-DH-XX-XX)
 -MT: MIXED TECHNOLOGY (2TS-XX-DH-XX-XX)
 (NOT AVAILABLE WITH -LC OR -A OPTIONS)



NO. OF POS	COPLANARITY
02 - 25	.004[0.10]
26 - 36	.006[0.15]
37 - 50	.008[0.20]

DECIMALS	ANGLES
.XX: $\pm .01$ [.3]	5°
.XXX: $\pm .005$ [.13]	
.XXXX: $\pm .0020$ [.051]	

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e-Mail info@SMATEC.com code 55322

SHEET SCALE: 4:1

INSULATOR: LCP VECTRA;
UL 94 V0;
COLOR: BLACK
TERMINAL: PHOS BRONZE

2mm HORIZONTAL TERMINAL SURFACE MOUNT STRIP ASSEM

MMT-1XX-XX-XX-XX-XX-XXX-X-XX

12/12/2000	SHEET 1 OF 6
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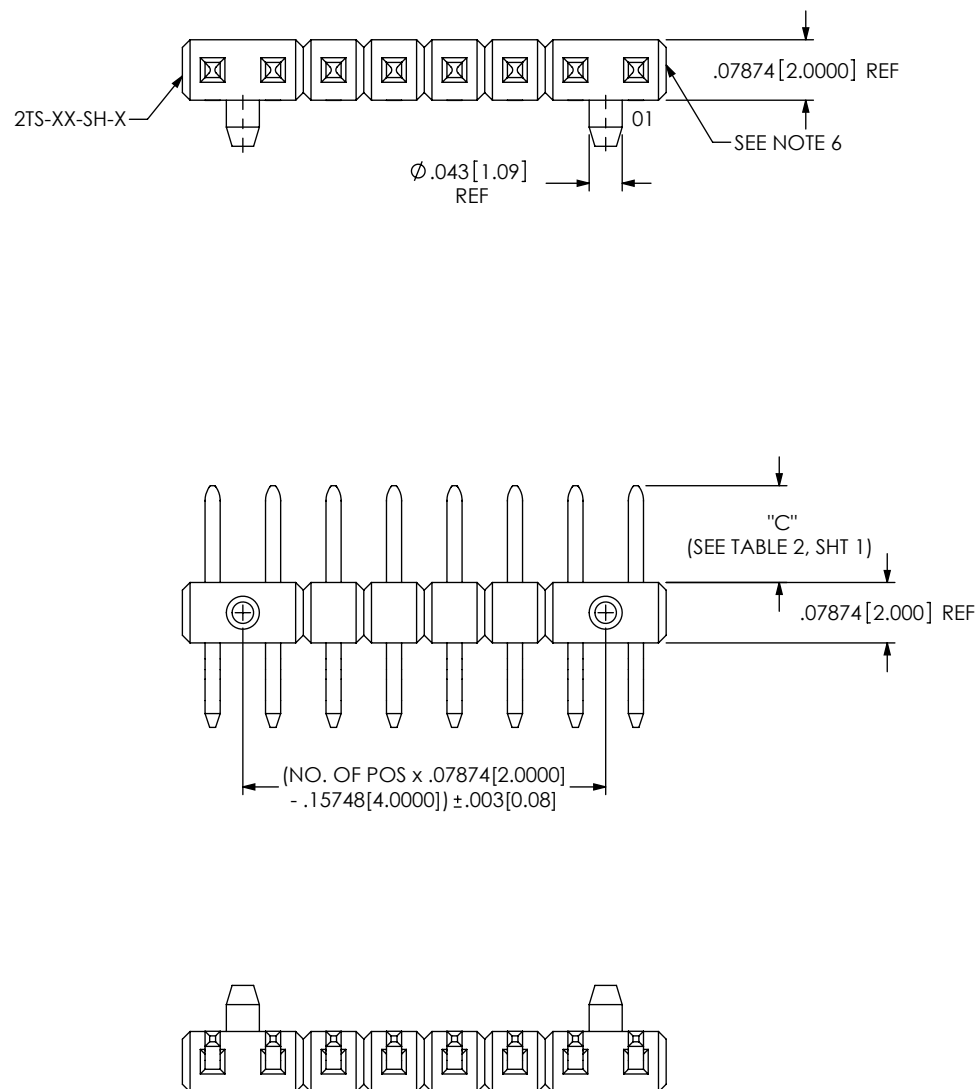
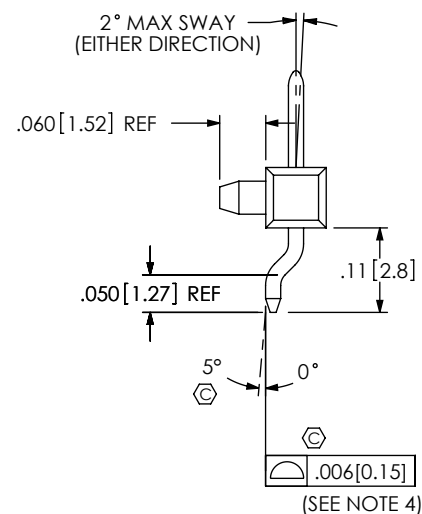


FIG 2
MMT-108-01-X-SH-A SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



F:\DWG\MISC\MKTG\MMT-1XX-XX-XX-XX-XXX-X-XX-MKT.SLDRW

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	DESCRIPTION: 2mm HORIZONTAL TERMINAL SURFACE MOUNT STRIP ASSEM	
	DWG. NO. MMT-1XX-XX-XX-XX-XXX-X-XX	
	BY: DEAN P	12/12/2000
		SHEET 2 OF 6

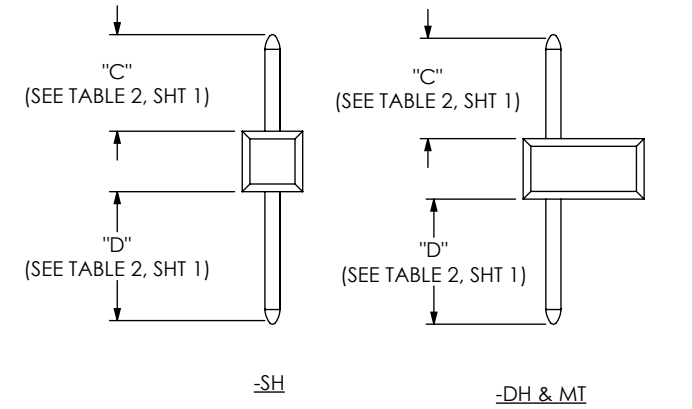


FIG 6
IN-PROCESS 1

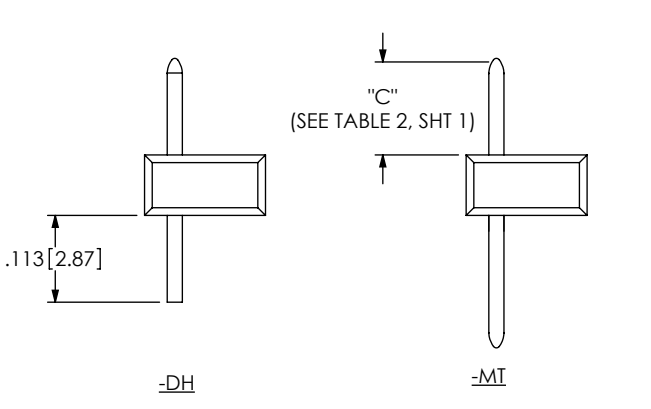


FIG 7
IN-PROCESS 2

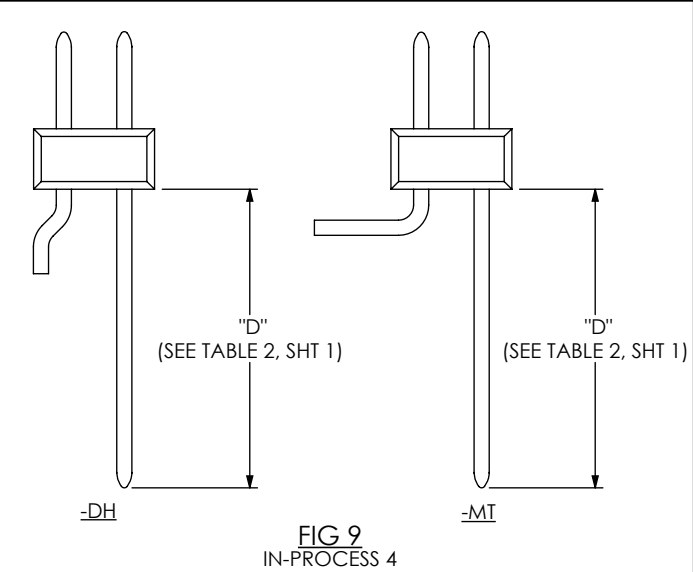


FIG 9
IN-PROCESS 4

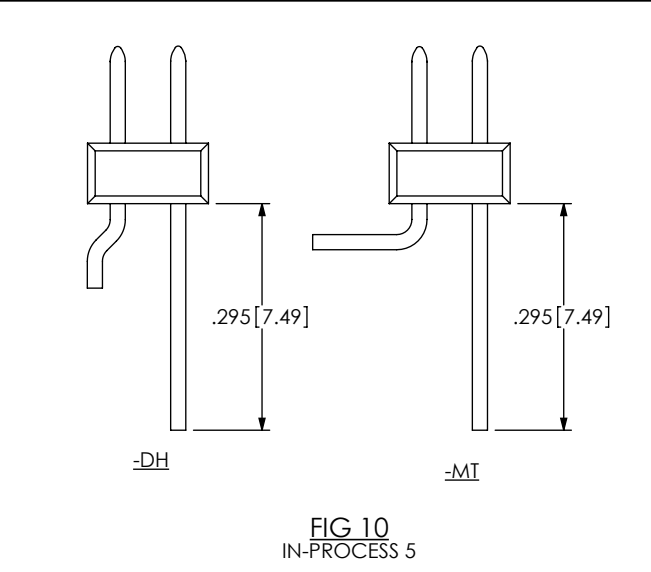


FIG 10
IN-PROCESS 5

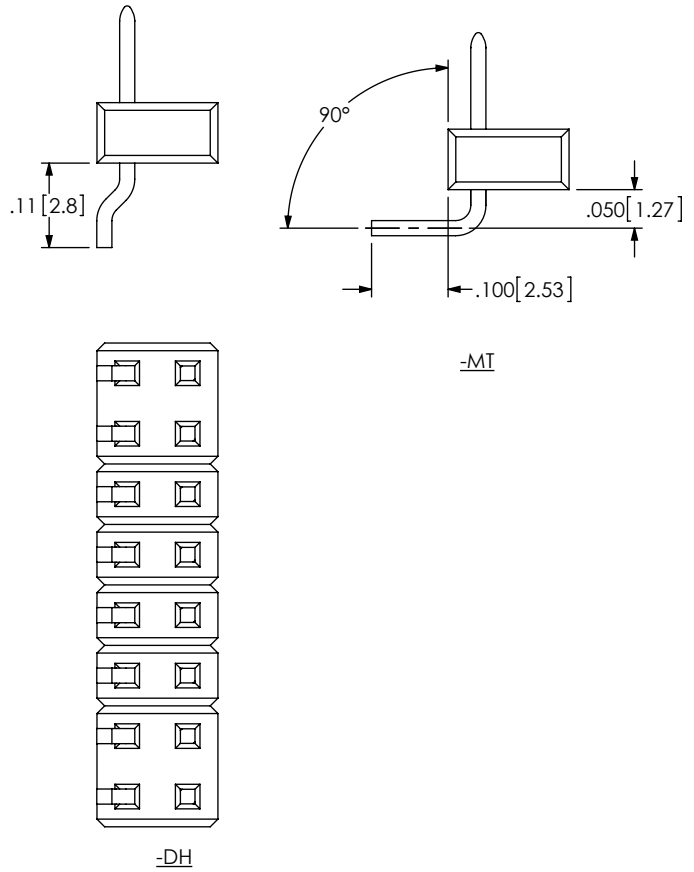


FIG 8
IN-PROCESS 3

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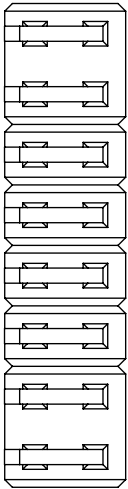
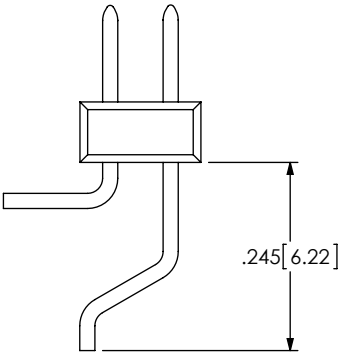
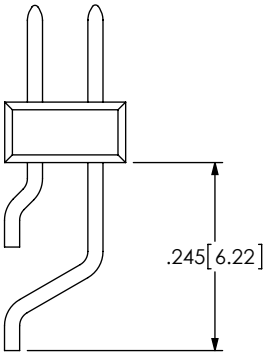


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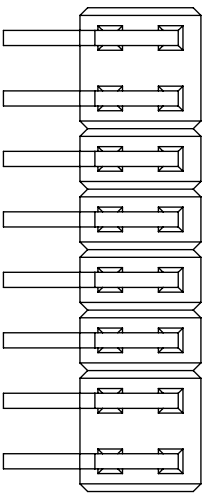
DESCRIPTION:
2mm HORIZONTAL TERMINAL SURFACE MOUNT STRIP ASSEM

DWG. NO.
MMT-1XX-XX-XX-XX-XX-XXX-X-XX

BY: DEAN P 12/12/2000 SHEET 4 OF 6



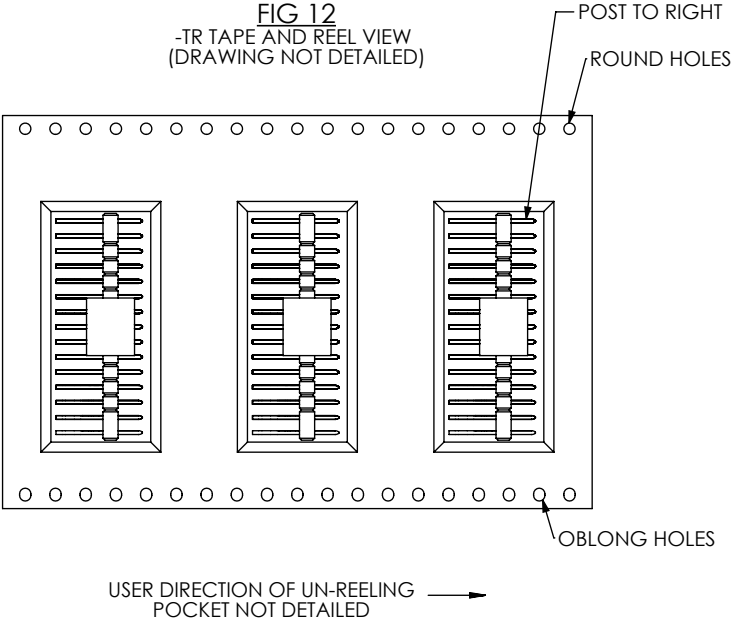
-DH



-MT

FIG 11
IN-PROCESS 6

FIG 12
-TR TAPE AND REEL VIEW
(DRAWING NOT DETAILED)



NOTE: PARTS MUST BE ORIENTED PER THE DESIGN OF THE POCKET TOOL.
POCKETS DESIGNED AFTER REVISION BW MUST ORIENT PARTS PER THIS VIEW.

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DWG. NO.
MMT-1XX-XX-XX-XX-XXX-X-XX

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FIG 13
-T PLATING ONLY

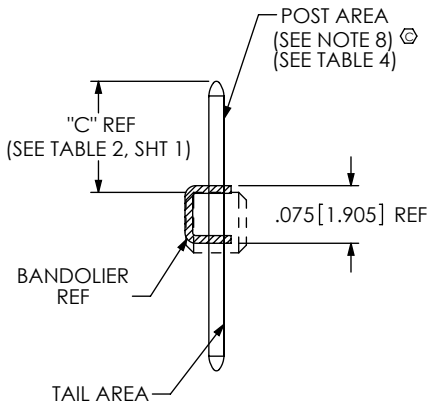
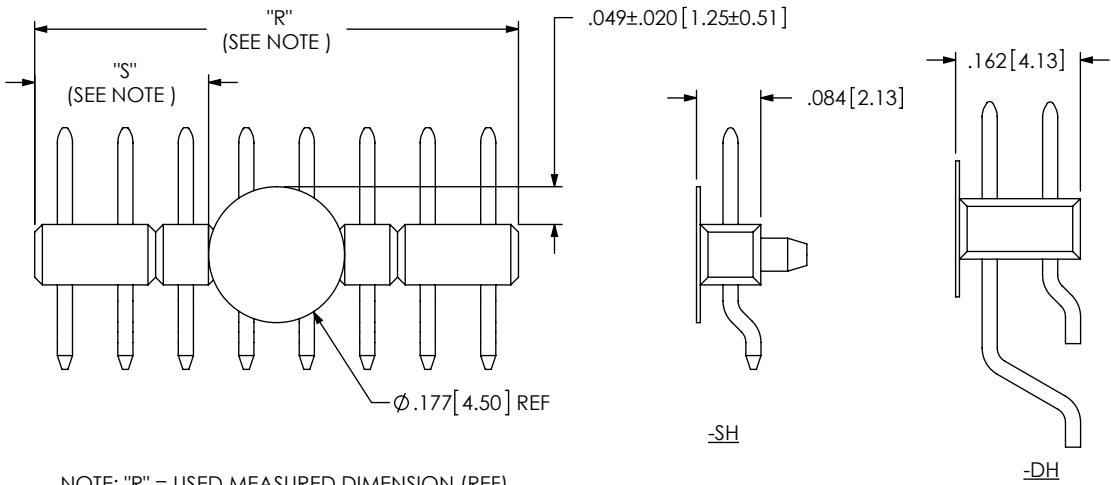


TABLE 4		
	NUMBER OF BAND MARKS ALLOWED IN THE POST	
LEAD STYLE	PIN A	PIN B
-01-SH	0	N/A
-01-DH	0	0
-01-MT	0	0
-02-MT	0	0
-02-SH	0	N/A
-02-DH	0	0

FIG 14
-K: POLYIMIDE FILM PAD



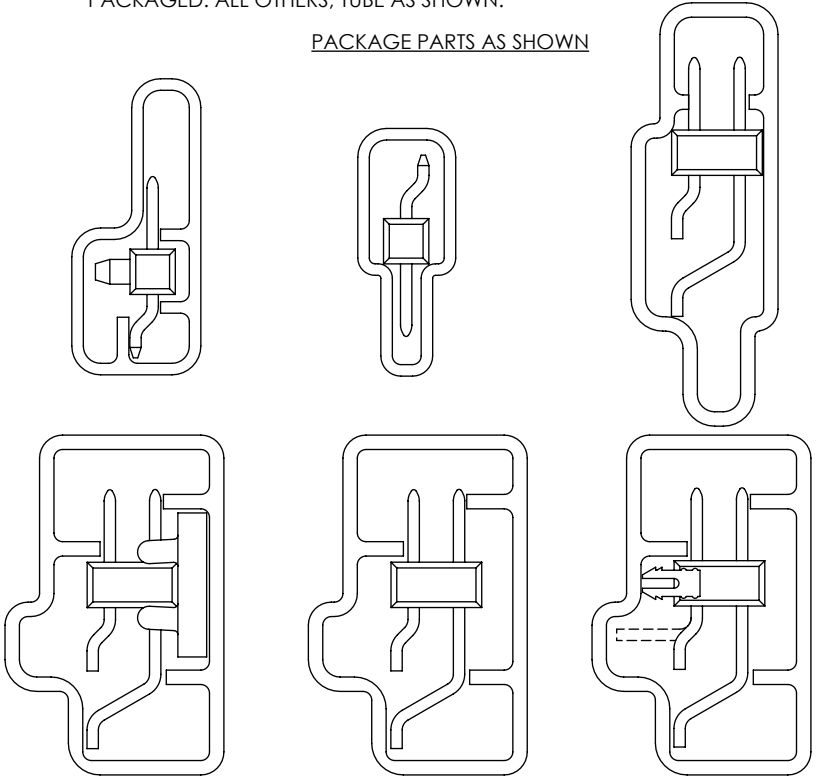
NOTE: "R" = USED MEASURED DIMENSION (REF)
"S" = {("R" - .177 [4.50]) / 2} ±.020 [0.51]

TABLE 3

OPTION	PACKAGING TUBE	PLUG (2 EA)
-SH	PT-1-24-01-12	TP-12
-SH-A, -SH-LC	PT-1-24-04-17	TP-12
-SH-A-P, -SH-LC-P, -SH-P	PT-1-24-06-17	TP-24
-01-DH, -01-DH-A, -01-DH-LC, -01 MT	PT-MMT001-DH-P	TP-03
-DH-A, -DH-LC, 02-DH		
-MT-P, -02-DH-K, -01-MT-K -02-MT-K		
-DH-P, -DH-A-P, -DH-LC-P, -02-MT, -DH-A-K		
-01-DH-K, -01-DH-LC-K	PT-1-24-15-09	TP-24-02
-01-SH-K		
-02-SH-K	PT-1-24-06-17	TP-24
MMT-104-01-XDH	PT-1-24-01-30	TP-03

NOTES:
LOAD ALL PARTS (EXCEPT THOSE WITH -SH OPTION) POS 1 FIRST IN SAME DIRECTION AS ARROW.
FOR 2 & 3 POSITIONS, TUBE PACKAGING ONLY AVAILABLE WITH -P OPTION. 2 & 3 POSITIONS WITHOUT -P OPTIONS MUST BE LAYER PACKAGED. ALL OTHERS, TUBE AS SHOWN.

PACKAGE PARTS AS SHOWN



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DESCRIPTION:
2mm HORIZONTAL TERMINAL SURFACE MOUNT STRIP ASSEM

DWG. NO.
MMT-1XX-XX-XX-XX-XX-XXX-X-XX

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