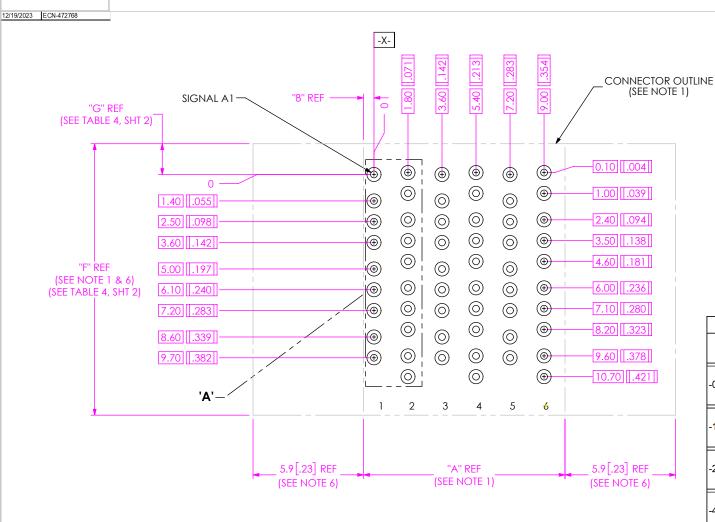
REVISION D

RECOMMENDED PCB LAYOUT FOR HDTM-3-XX-X-X-VT-X-X-X-X-FOOTPRINT



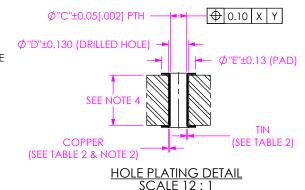


TABLE 3			
COMPLIANT TAIL SIZE	"C"	"D"	"E"
-1: .0177"	0.36 [0.014]	0.450 [0.0177]	0.75 [0.030]
-2: .0217"	0.45 [0.018]	0.550 [0.0217]	0.85 [0.033]

TABLE 1			
SIDE WALL OPTIONS	COLUMNS	"A"	"B"
	-04	7.06 [0.278]	0.55 [0.022]
0: OPEN WALL	-06	10.66 [0.420]	0.55 [0.022]
	-08	14.26 [0.561]	0.55 [0.022]
	-04	8.20 [0.323]	1.69 [0.067]
1: LEFT WALL	-06	11.80 [0.465]	1.69 [0.067]
	-08	15.40 [0.606]	1.69 [0.067]
	-04	8.06 [0.317]	0.55 [0.022]
2: RIGHT WALL	-06	11.66 [0.459]	0.55 [0.022]
	-08	15.26 [0.601]	0.55 [0.022]
	-04	13.54 [0.533]	7.04 [0.277]
4: LEFT POLARIZING	-06	17.14 [0.675]	7.04 [0.277]
	-08	20.74 [0.817]	7.04 [0.277]
	-04	13.05 [0.514]	0.55 [0.022]
5: RIGHT POLARIZING	-06	16.65 [0.656]	0.55 [0.022]
	-08	20.25 [0.797]	0.55 [0.022]

FIG 1 (HDTM-3-06-X-X-VT-X-X FOOTPRINT SHOWN)

	TABLE 2		
	TIN (IMMERSION)	Cu	0.025-0.050 [.00100020]
		Sn	0.001-0.002 [.0000400008]
	ENIG	NI	0.025-0.050 [.00100020]
		Au	0.000076-0.000254 [.000003000010]
U	OSP	Cu	0.025-0.050 [.00100020]

NOTES:

- 1. CONNECTOR ENVELOPE DIMENSION. OTHER COMPONENTS PLACED ON PCB SHALL AVOID THIS ZONE.
- 2. COPPER PLATING THICKNESS MAY NOT VARY BY MORE THAN 0.02[.001] WITHIN ANY VIA.
- 3. CONTACT SAMTEC FOR CONNECTOR PRESS FIT INSTRUCTIONS AND REQUIRED FIXTURES.
- 4. 1.10[.043] MIN BOARD THICKNESS.
- 5. OPTIONAL HOLE/MOUNTING SCREW LOCATION FOR GROUNDED PIN OR ADDITIONAL GUIDE PIN SUPPORT ONLY APPLIES FOR MACHINED GUIDE PIN APPLICATIONS.
- 6. USE KEEPOUT AREA FOR CONNECTOR REPAIR.

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DESCRIPTION:

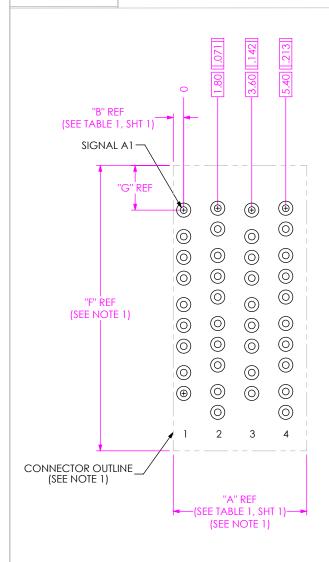
SHEET SCALE: 5:1

HDTM-VT 3 PAIR FOOTPRINT

HDTM-3-XX-X-X-VT-X-X-X-X-FOOTPRINT BY: KNOWLDEN 12/27/2016 | SHEET 1 OF 5

F:\DWG\MISC\Mktg\Footprnt\HDTM-3-XX-X-X-VT-X-X-X-X-FOOTPRINT.SLDDRW

RECOMMENDED PCB LAYOUT FOR HDTM-3-XX-X-X-VT-X-X-X-X-FOOTPRINT



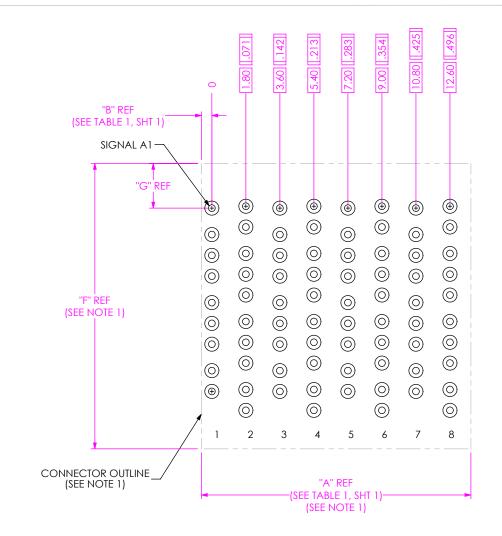


FIG 2 (HDTM-3-04-X-X-VT-X-X FOOTPRINT SHOWN) (SAME AS FIG 1, EXCEPT AS SHOW)

TABLE 4			
END WALL OPTION	"F"	"G"	
-BLANK: STANDARD	15.10 [0.594]	2.36 [0.093]	

FIG 3
(HDTM-3-08-X-X-VT-X-X FOOTPRINT SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOW)

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F:\DWG\MISC\Mktg\Footprnt\HDTM-3-XX-X-VT-X-X-X-FOOTPRINT.SLDDRW

REVISION D

RECOMMENDED PCB LAYOUT FOR HDTM-3-XX-X-X-VT-X-X-X-X-FOOTPRINT

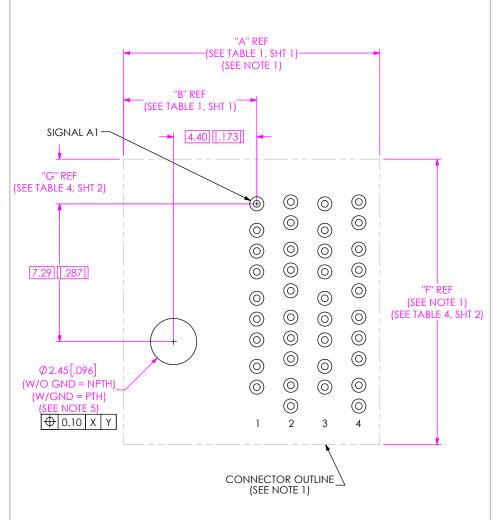


FIG 4
(HDTM-3-04-X-X-VT-4-L-X FOOTPRINT SHOWN)
(LEFT POLARIZATION VERSION)
(SAME AS FIG 1, EXCEPT AS SHOWN)

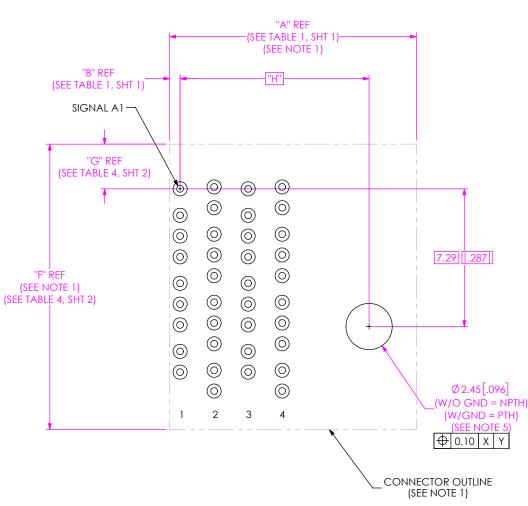


FIG 5 (HDTM-3-04-X-X-VT-5-R-X FOOTPRINT SHOWN) (RIGHT POLARIZATION VERSION) (SAME AS FIG 1, EXCEPT AS SHOWN)

TABLE 5		
COLUMNS	"H"	
-04	10.00 [.394]	
-06	13.60 [.535]	
-08	17.20 [.677]	

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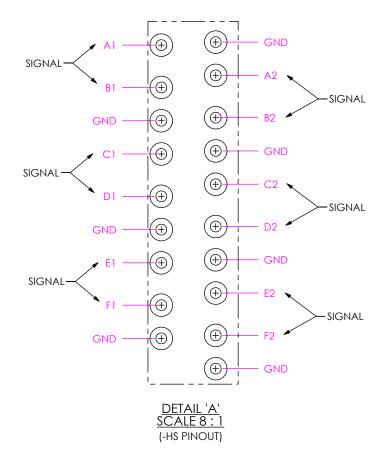
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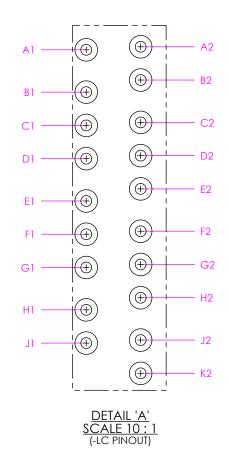
HDTM-3-XX-X-X-VT-X-X-X-X-X-FOOTPRINT

BY: KNOWLDEN 12/27/2016 | SHEET 3 OF 5

F:\DWG\MISC\Mktg\Footprnt\HDTM-3-XX-X-X-VT-X-X-X-FOOTPRINT.SLDDRW

RECOMMENDED PIN LAYOUT FOR HDTM-3-XX-X-X-VT-X-X-X-X-FOOTPRINT





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HDTM-3-XX-X-X-VT-X-X-X-X-FOOTPRINT BY: KNOWLDEN 12/27/2016 SHEET 4 OF 5

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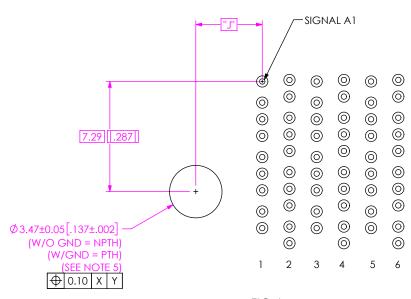


FIG 6 (STAND ALONE, LEFT PCB MOUNTED GUIDE PIN) (SAME AS FIG 1, EXCEPT AS SHOWN)

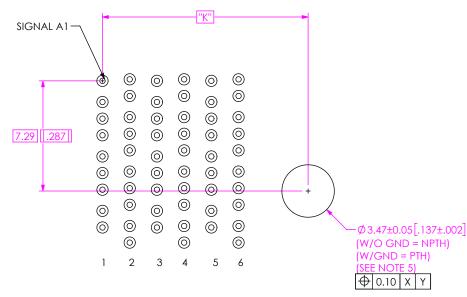


FIG 7 (STAND ALONE, RIGHT PCB MOUNTED GUIDE PIN) (SAME AS FIG 1, EXCEPT AS SHOWN)

TABLE 6				
SIDE WALL OPTIONS	COLUMNS	"၂"	"K"	
	-04		10.00 [0.394]	
-0: OPEN WALL	-06	4.40 [0.173]	13.60 [0.535]	
	-08		17.20 [0.677]	
	-04		10.00 [0.394]	
-1: LEFT WALL	-06	6.20 [0.244]	13.60 [0.535]	
	-08		17.20 [0.677]	
	-04		11.80 [0.465]	
-2: RIGHT WALL	-06	4.40 [0.173]	15.40 [0.606]	
	-08		19.00 [0.748]	
	-04		N/A	
-4: LEFT POLARIZING	-06	N/A	N/A	
	-08		N/A	
	-04		N/A	
-5: RIGHT POLARIZING	-06	N/A	N/A	
	-08		N/A	

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