

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]

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

*= NOT TOOLED

TIN (IMMERSION)	Cu	0.025-0.050 [0.0010-.0020]
	Sn	0.001-0.002 [0.00004-.00008]
ENIG	Ni	0.025-0.050 [0.0010-.0020]
	Au	0.000076-0.000254 [0.000003-.000010]
OSP	Cu	0.025-0.050 [0.0010-.0020]

FIG 1
(HDTM-6-06-X-X-VT-X-X FOOTPRINT SHOWN)

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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SHEET SCALE: 5:1

DESCRIPTION:

HDTM-VT 6 PAIR FOOTPRINT

DWG. NO.

HDTM-6-XX-X-X-VT-X-X-X-X-X-FOOTPRINT

BY:

KNOWLDEN01/13/2017 SHEET 1 OF 5

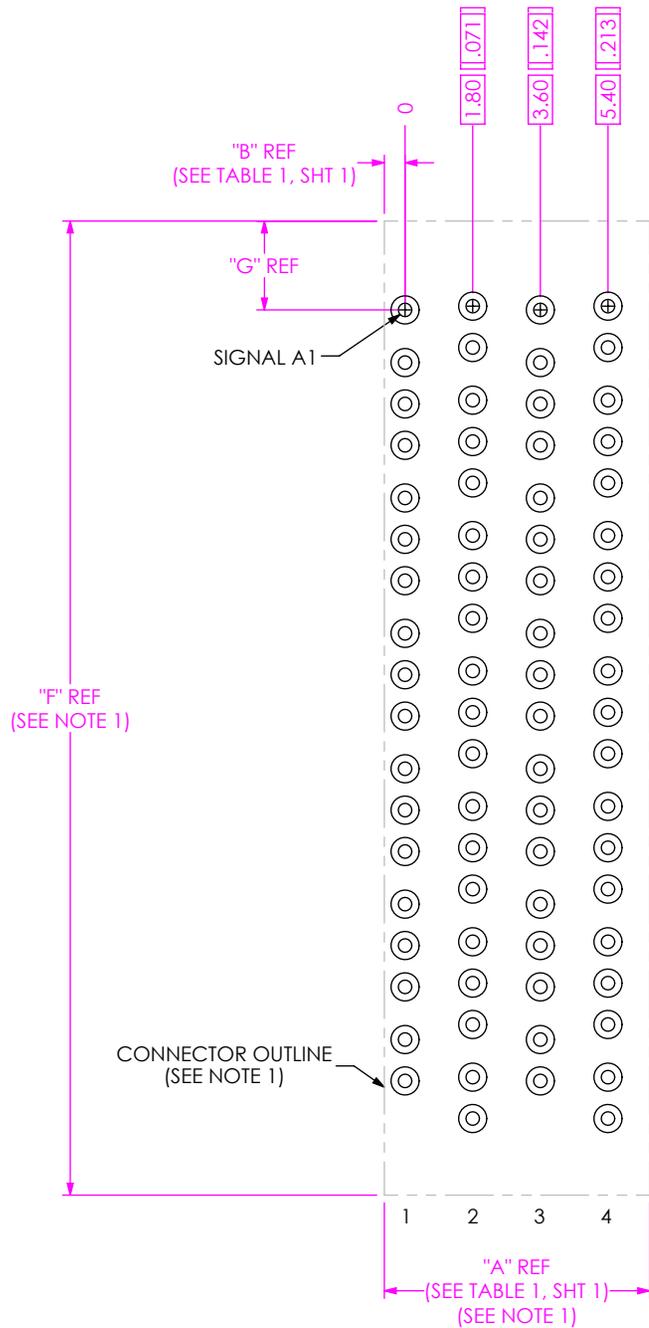


FIG 2
(HDTM-6-04-X-X-VT-X-X FOOTPRINT SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOW)

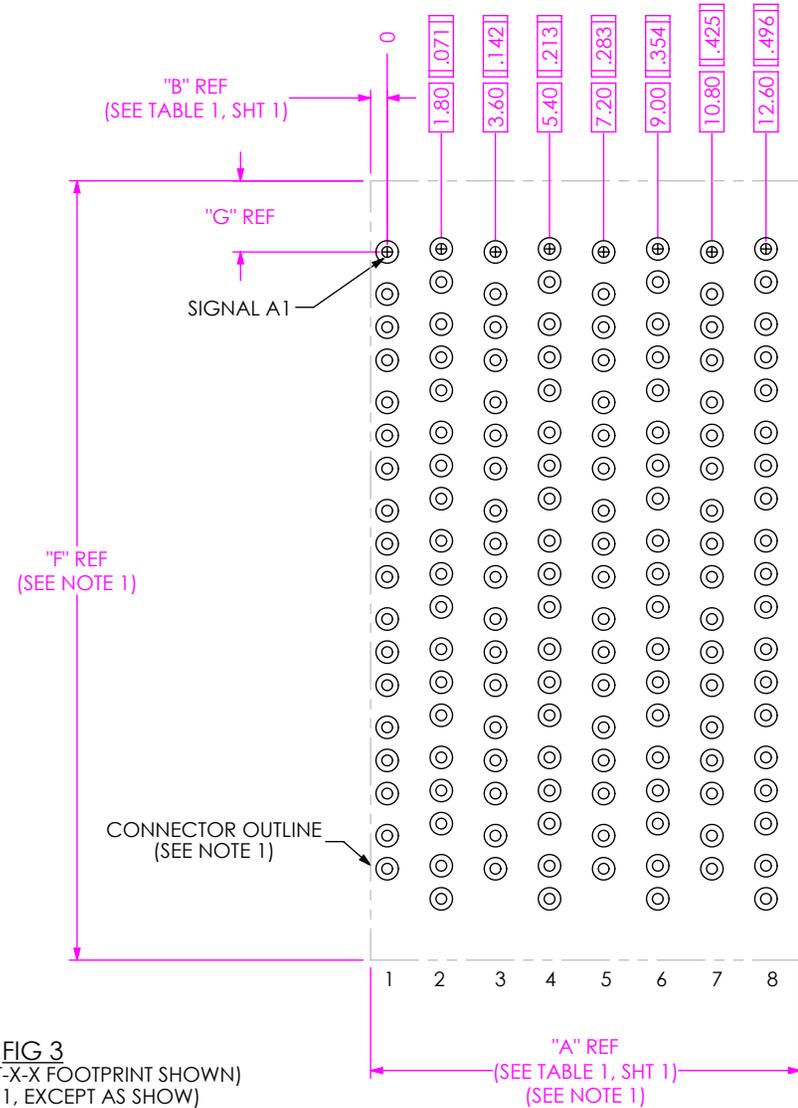


FIG 3
(HDTM-6-08-X-X-VT-X-X FOOTPRINT SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOW)

TABLE 4		
END WALL OPTION	"F"	"G"
-BLANK: STANDARD	25.90 [1.020]	2.36 [0.093]

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DESCRIPTION: HDTM-VT 6 PAIR FOOTPRINT
DWG. NO. HDTM-6-XX-X-X-VT-X-X-X-X-X-FOOTPRINT
BY: KNOWLDEN01/13/2017 SHEET 2 OF 5

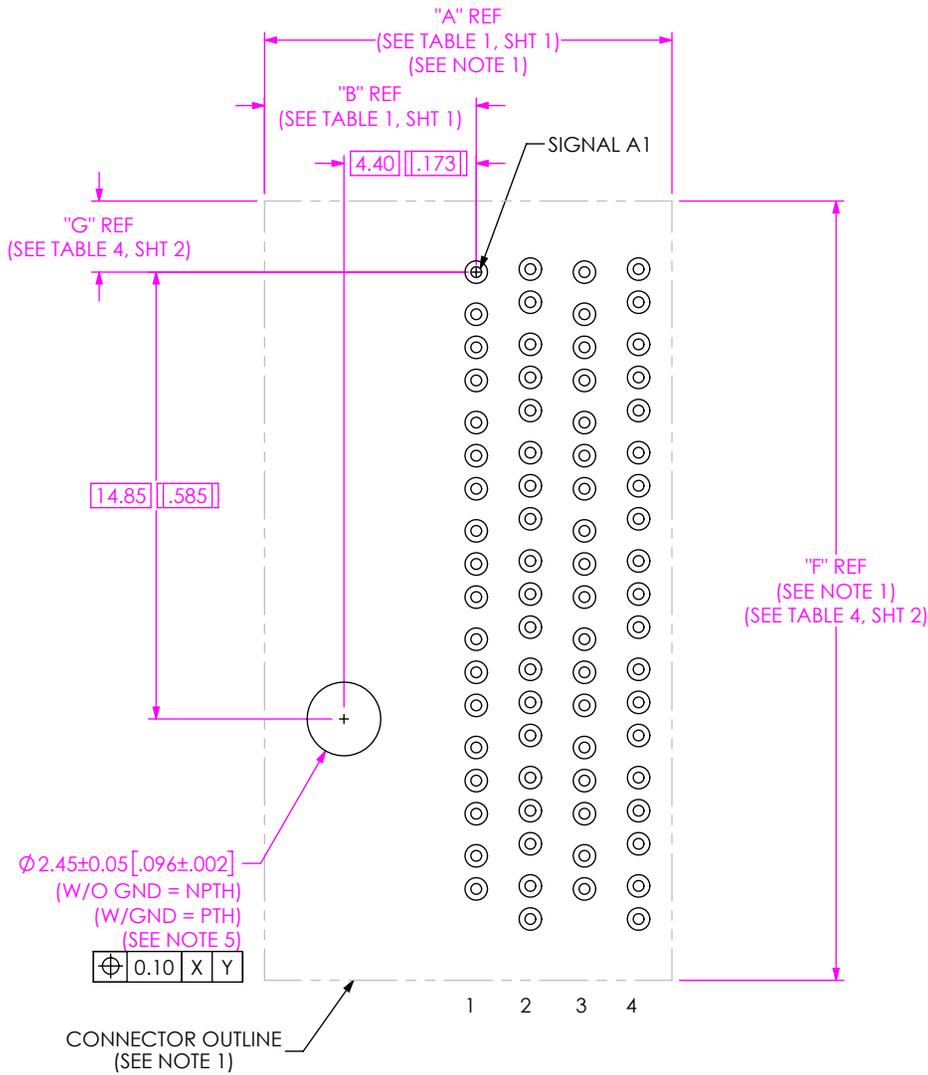


FIG 4
(HDTM-6-04-X-X-VT-4-L-X FOOTPRINT SHOWN)
(LEFT POLARIZATION VERSION)
(SAME AS FIG 1, EXCEPT AS SHOWN)

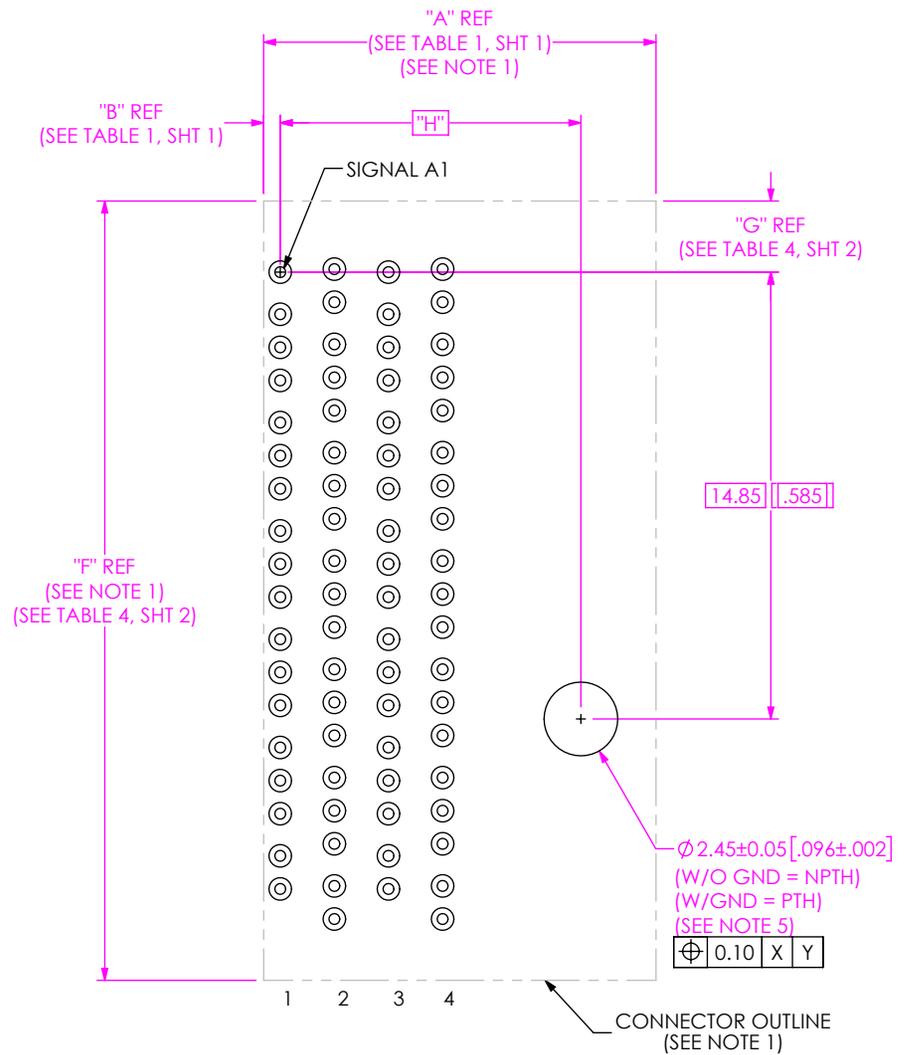


FIG 5
(HDTM-6-04-X-X-VT-5-R-X FOOTPRINT SHOWN)
(RIGHT POLARIZATION VERSION)
(SAME AS FIG 1, EXCEPT AS SHOWN)

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

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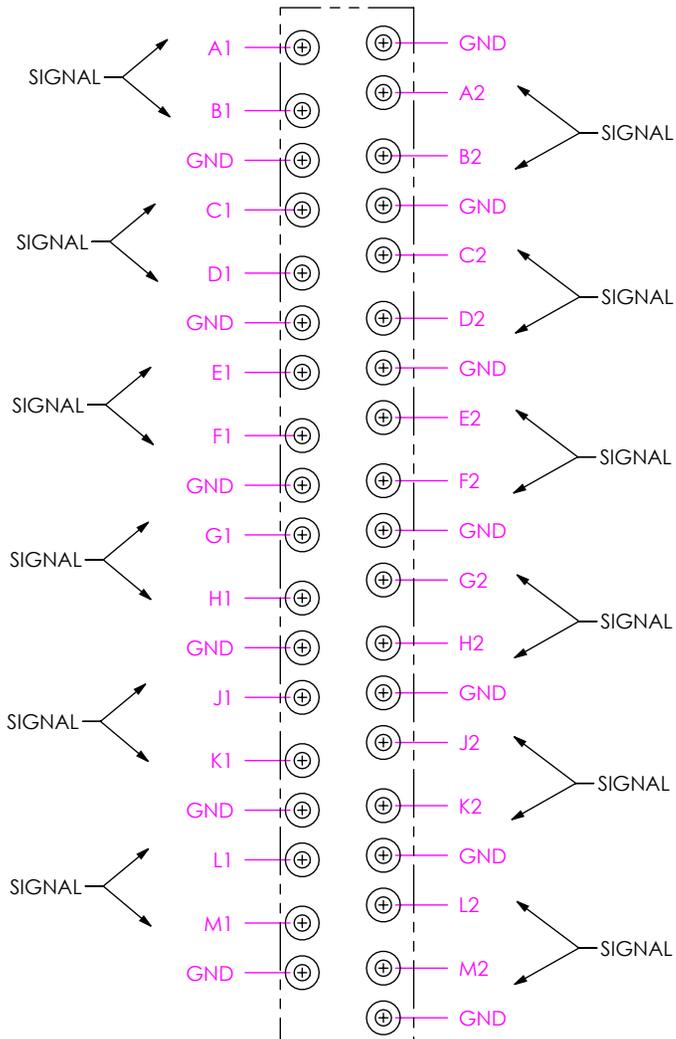
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SHEET SCALE: 5:1

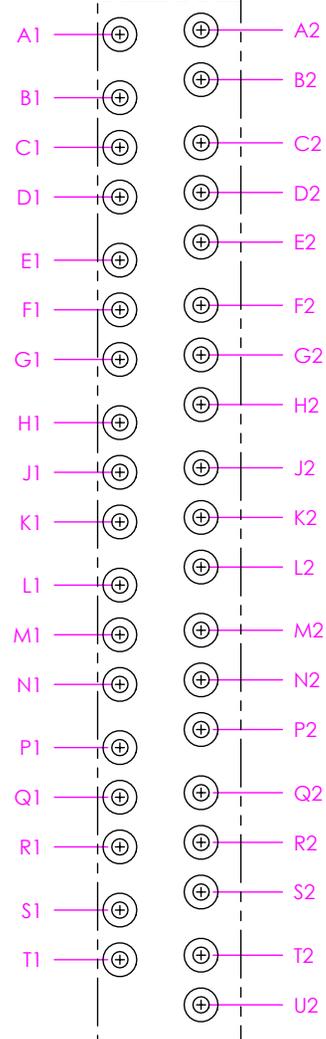
DESCRIPTION:
HDTM-VT 6 PAIR FOOTPRINT

DWG. NO.
HDTM-6-XX-X-X-VT-X-X-X-X-FOOTPRINT

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DETAIL 'A'
SCALE 6 : 1
(-HS PINOUT)



DETAIL 'A'
SCALE 10 : 1
(-LC PINOUT)

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HD TM-VT 6 PAIR FOOTPRINT

DWG. NO.
HD TM-6-XX-X-X-VT-X-X-X-X-X-FOOTPRINT

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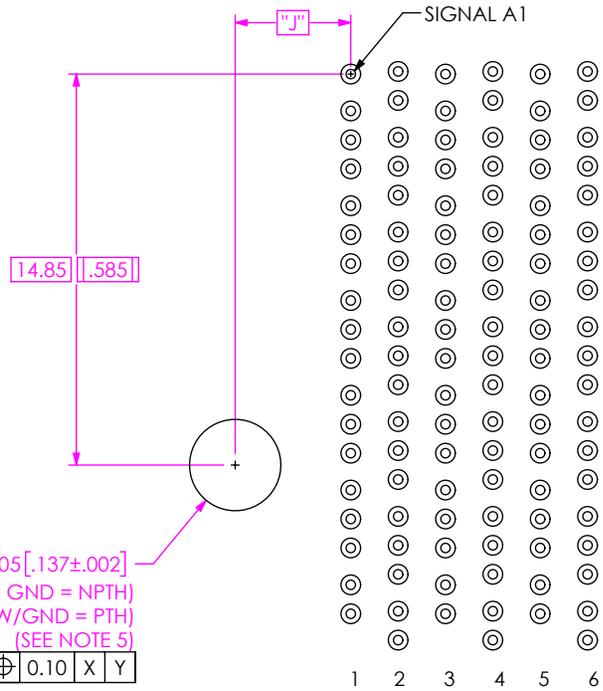


FIG 6
(STAND ALONE, LEFT PCB MOUNTED GUIDE PIN)
(SAME AS FIG 1, EXCEPT AS SHOWN)

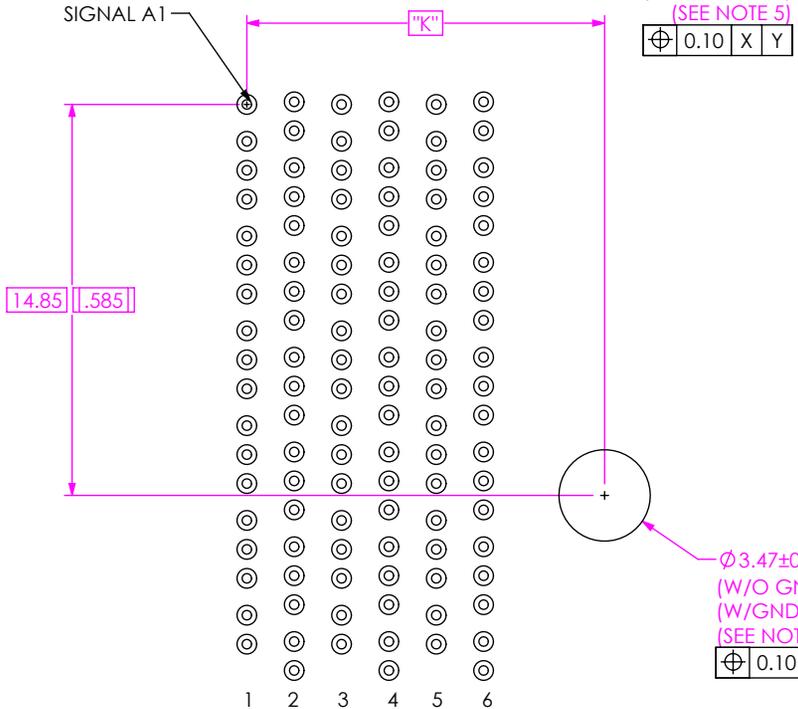


FIG 7
(STAND ALONE, RIGHT PCB MOUNTED GUIDE PIN)
(SAME AS FIG 1, EXCEPT AS SHOWN)

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

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