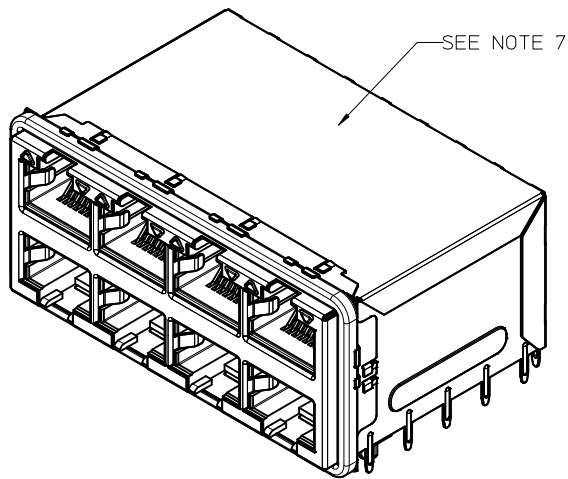


ELECTRICAL CHARACTERISTIC

VALUE AT 25°C

INSERTION LOSS	10 - 400 MHz	3.0 dB MAX
	850 MHz	10 dB MIN
CHIP SIDE RETURN LOSS	1 - 40 MHz	25 dB MIN
	40 - 100 MHz	23 dB MIN
	100 - 200 MHz	20 dB MIN
	200 - 300 MHz	14-0.02*(freq(MHz)-200) dB MIN
	300 - 400 MHz	7.25-0.0125*(freq(MHz)-300) dB MIN
LINE SIDE RETURN LOSS	400 - 500 MHz	6-0.029*(freq(MHz)-400) dB MIN
	1 - 40 MHz	25 dB MIN
	40 - 100 MHz	23 dB MIN
	100 - 200 MHz	20 dB MIN
OCL	200 - 300 MHz	14-0.02*(freq(MHz)-200) dB MIN
	300 - 400 MHz	7.25-0.0125*(freq(MHz)-300) dB MIN
	400 - 500 MHz	6-0.029*(freq(MHz)-400) dB MIN
	TURN RATIO	100kHz / 0.1V
INSULATION RESISTANCE		1.00±0.02
COMMON MODE TO DIFFERENTIAL MODE		2250 VDC
	1 - 100 MHz	-40 dB MAX
	100 - 200 MHz	-33 dB MAX
COMMON MODE TO COMMON MODE	200 - 400 MHz	-30 dB MAX
	400 - 700 MHz	-23 dB MAX
	1 - 100 MHz	-35 dB MAX
COMMON MODE TO DIFFERENTIAL ON CMS FEEDBACK CHANNEL	100 - 200 MHz	-30 dB MAX
	200 - 400 MHz	-27 dB MAX
	400 - 700 MHz	-23 dB MAX
COMMON MODE TO DIFFERENTIAL ON CMS FEEDBACK CHANNEL	1 - 400 MHz	-60 dB MAX
	TBD	TBD



- NOTES:
- MATERIAL:
 - HOUSING: LCP, GLASS FILLED, UL94V-0, COLOR: BLACK
 - CONTACT BEAMS: COPPER ALLOY
 - SHIELD: NICKEL SILVER ALLOY
 - GASKET FLANGE: STAINLESS STEEL
 - EMI GASKET: CONDUCTIVE MATERIAL OVER ELASTOMERIC SILICONE CORE
 - PCB PINS: COPPER ALLOY
 - PLATING:
 - CONTACT BEAMS: 50 MICROINCHES MIN. GOLD AND OVER
 - 150 MICROINCHES MIN NICKEL UNDERPLATE
 - SHIELD: NICKEL OVERALL WITH TIN DIP ON TAILS
 - PRODUCT SPECIFICATION: PS-170711-0001
 - APPLICATION SPECIFICATION: AS-170711-0002
 - PRODUCT TO BE TRAY PACKAGED PER PACKAGING SPECIFICATION: PK-170849-0001.
 - CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.
 - MOLEX LOGO, PART NUMBER, AND DATE CODE TO BE LOCATED IN THIS APPROXIMATE LOCATION. FOUR DIGIT DATE CODE TO BE THE 3 DIGIT JULIAN DAY AND 1 DIGIT YEAR (EXAMPLE: 0337 IS FEBRUARY 2, 2007)
 - SHIELD SURFACE FINISHES (CLASS A, B OR C) COMPLY WITH THE REQUIREMENTS FOR VISUAL ACCEPTANCE PER COSMETIC SPECIFICATION ES-46030-006.

MAT'L NO.	DIM "A"	LIGHT PIPE	PCB THICKNESS REF.
170713-0005	2.29	YES	1.57mm (0.062")
170713-0006	2.92	YES	2.36mm (0.093")
170713-0007	3.56	YES	3.18mm (0.125")

NEW SHIELD EC NO: UCP2012-1054 DRWNB JANOWIAK 2011/03/23 CHKD: TMCLELL APPR: TMCLELL 2011/10/11 2	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .13</td> <td>± .005</td> </tr> <tr> <td>3 PLACES</td> <td>± .15</td> <td>± .006</td> </tr> <tr> <td>2 PLACES</td> <td>± .13</td> <td>± .005</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .010</td> </tr> </table> ANGULAR ±1/2°		mm	INCH	4 PLACES	± .13	± .005	3 PLACES	± .15	± .006	2 PLACES	± .13	± .005	1 PLACE	± 0.25	± .010	DIMENSION STYLE MM ONLY DRAWN BY DATE LKATARZIENE 2010/09/10 CHECKED BY DATE TMCLELLAND 09/11/10 APPROVED BY DATE JCOMERCI 2010/09/14	SCALE 2:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE 10GBE 2X4 STACKED MAGNETIC MODJACK ASSY WITH LP AND CMS MOLEX INCORPORATED MATERIAL NO. SD-170713-0005 SHEET NO. 1 OF 1
		mm	INCH																	
	4 PLACES	± .13	± .005																	
	3 PLACES	± .15	± .006																	
2 PLACES	± .13	± .005																		
1 PLACE	± 0.25	± .010																		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	