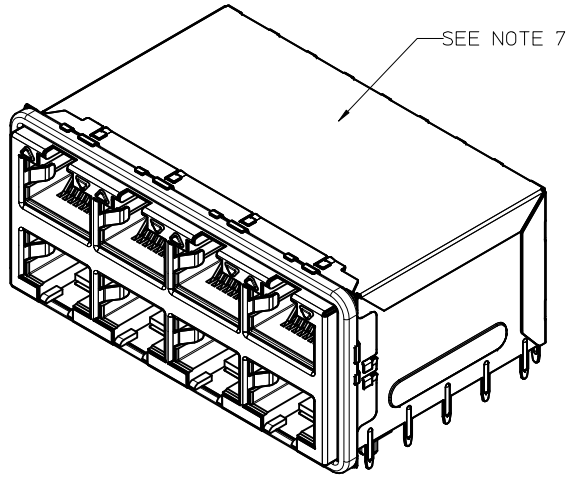


ELECTRICAL CHARACTERISTIC

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)	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>2:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± ---	DRAWN BY DATE LKATARZIENE 2010/09/10 CHECKED BY DATE TMCLELLAND 09/11/10 APPROVED BY DATE JCOMERCI 2010/09/14	TITLE <b>10GBE 2X4 STACKED MAGNETIC MODJACK ASSY WITH LP AND CMS</b> MOLEX INCORPORATED DOCUMENT NO. SD-170713-0005			
		ANGULAR ±1/2° 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	SHEET NO. 1 OF 1			