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Stocking Distributor

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[Molex Connector Corporation](#)
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For any questions, you can email us directly:

sales@integrated-circuit.com

FIGURE 1

DETAIL X
SCALE 5:1
SEE NOTE 10

DETAIL Y
SCALE 5:1
SEE NOTE 10

DETAIL Z
SCALE 5:1

KINKED PIN OPTION
SEE NOTE 5

REMOVED BACKWALL OPTION
SEE NOTE 11

RECOMMENDED PC BOARD LAYOUT

NOTES:

- MATERIAL: GLASS FILLED NYLON, 94V-0, COLOR: BLACK
- FINISH:
 - (154) OVERALL TIN: .000100/0.00254 MIN.
OVER .000050/0.00127 MIN NICKEL.
 - (208) SELECT GOLD: .000015/0.00038 MIN.
SELECT TIN: .000010/0.00254 MIN.
OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN.
 - (228) SELECT GOLD: .000030/0.00076 MIN.
SELECT TIN: .000100/0.00254 MIN.
OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN.
- PRODUCT SPECIFICATION: PS-10-07.
- PACKAGING INFORMATION: SEE TABLES
- KINK PIN OPTION NOT RECOMMENDED FOR 2 CIRCUIT PARTS.
HOLE SIZE MAY NEED TO BE ADJUSTED ON 2 CIRCUIT PARTS WITH KINK OPTION FOR PROPER INSERTION INTO THE PCB. SEE SMES-42003 FOR ADDITIONAL INFORMATION ON KINK DIRECTION AND PLACEMENT.
- HEADERS ARE NOT STACKABLE ON .100/.254 CENTERS.
- SOLDERABILITY PER SMES-152.
- PIN PUSH OUT FORCE: 3 LBS. MIN.
- PARTS CONFORM TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
- PIN TIP DIMENSIONS ARE SHOWN FOR REFERENCE ONLY. DIMENSIONS APPLY PRIOR TO PLATING OR ASSEMBLY.
- FIRST AND LAST CIRCUIT BACKWALLS MUST BE REMOVED WHEN MATING TO A PART WITH POLARIZING RIBS.

ADD. NOTE 11	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM	SCALE 2:1	DESIGN UNITS INCH	TITLE	SHEET NO.
EC NO.: UCP2016-471	▽=0	4 PLACES ± --- ± ---	mm INCH	DRAWN BY JSCHAFFER	DATE 2003/09/23	.100 POLARIZING BREAKAWAY HEADER ASSY	1 OF *
EC NO.: UCP2016-471	▽=0	3 PLACES ± --- ± .010		CHECKED BY KSAMIEC	DATE 2003/09/23		
EC NO.: UCP2016-471	▽=0	2 PLACES ± .025 ± .014		APPROVED BY MARGULIS	DATE 2003/09/23		
EC NO.: UCP2016-471	▽=0	1 PLACE ± .036 ± ---					
EC NO.: UCP2016-471	▽=0	0 PLACE ± ±					
EC NO.: UCP2016-471	▽=0	ANGULAR ±1/2°					
EC NO.: UCP2016-471	▽=0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
EC NO.: UCP2016-471	▽=0			SEE CHART		SD-42226-001	
EC NO.: UCP2016-471	▽=0			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			