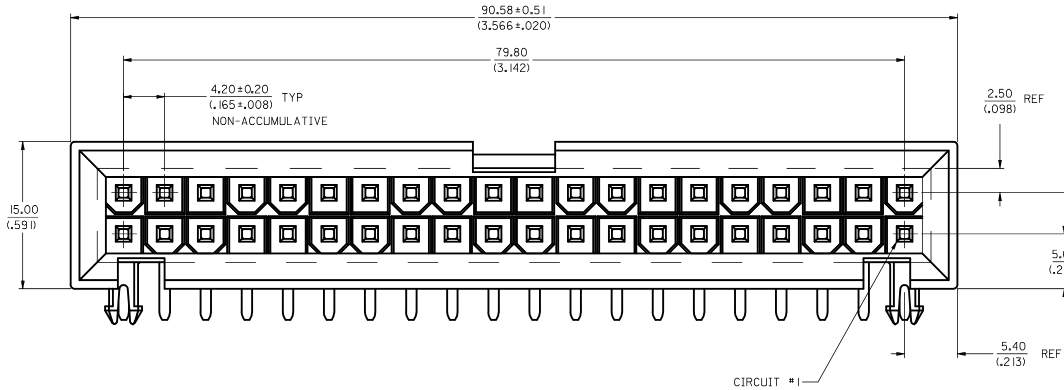
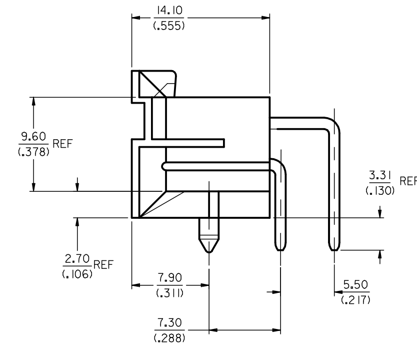
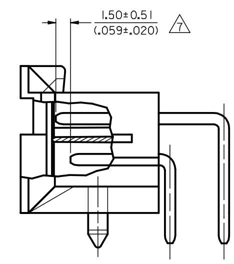
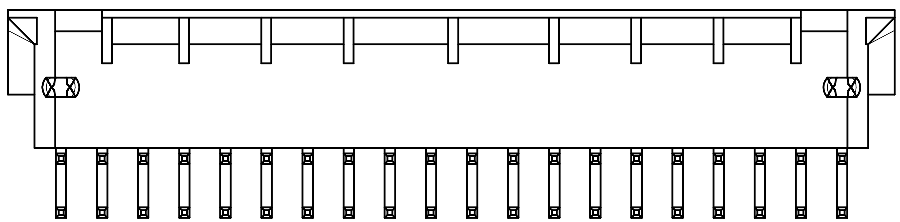
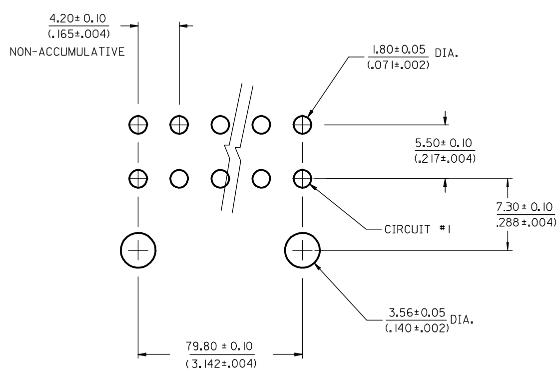
PART NUMBER	CIRCUIT SIZE		TERMINAL PIN TYPE REQUIRED AT EACH CIRCUIT LOCATION																																						
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
43973-0001	40		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B











RECOMMENDED HOLE LAYOUT FOR .070/(1.78) MAX. THICK P.C. BOARD (COMPONENT SIDE SHOWN)

NOTES:

1) MATERIAL
   HOUSING:
   NYLON 46, GLASS-FILLED, UL94V-0,
   COLOR - BLACK
   TERMINAL MATERIAL: BRASS ALLOY
2) FINISH
   TERMINAL PLATING:
   I) .00254/(.000100) MIN. TIN OVER NICKEL PLATE
3) PRODUCT SPECIFICATION: PS-43759-0001.
4) PACKAGING SPECIFICATION: PK-42404-002.
5) PART MATES WITH MINI-FIT JR. RECEPTACLE 43974.
6) CONNECTORS ASSEMBLIES ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
7) CIRCUITS SHOWN PROVIDED THE 'MATE-FIRST/BREAK-LAST' FEATURE.
8) DISCOLORATION ON THE BANDOLIER CARRIER AREA OF THE PIN IS INHERENT TO THE PLATING PROCESS AND IS DUE TO THE MASKING EFFECT OF THE CARRIER. THIS DISCOLORATION IS IN A NON-FUNCTIONAL AREA OF THE PIN AND WILL NOT AFFECT THE PERFORMANCE OF THE HEADER ASSEMBLY.
9) PART IS NOT DESIGNED FOR CURRENT SHARING.
10) PART CONFORMS TO CLASS B OF COSMETIC SPECIFICATION PS-45499-002.
11) PART ALLOWS FOR .050/(1.27) MISALLIGNMENT WITH MATING RECEPTACLE IN ANY DIRECTION. SEE MATING CONNECTOR DRAWINGS FOR SPECIFIC ALLOWANCES.

TERMINAL PIN LEGEND

PIN TYPE	FINISH (SEE NOTE 2)	MATING TYPE
A	I	STD.
B	I	M-F-B-L

REV	DESCRIPTION
C1	ADDED NOTES EC NO: UCP2009-3129 2010/01/05 DRWN: JBELL 2010/01/06 CH'KD: JBELL 2010/01/07 APPR: FSMITH

QUALITY SYMBOLS: ▼=0, ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .015
2 PLACES	± 0.38	± ---
1 PLACE	± ---	± ---
ANGULAR ± 1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN — SCALE: 1:1 — DESIGN UNITS: METRIC — THIRD ANGLE PROJECTION

	NAME	DATE
DRAWN BY	PEARSON	7/29/97
CHECKED BY	EDGLEY	7/29/97
APPROVED BY	EDGLEY	7/29/97

TITLE: HEADER ASSY. 40 CKT. DUAL ROW RIGHT ANGLE MAKE FIRST/ BREAK LAST

MOLEX INCORPORATED

MATERIAL NO.: 439730001 — DOCUMENT NO.: SD-43973-001 — SHEET NO.: 1 OF 1 — SIZE: D

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