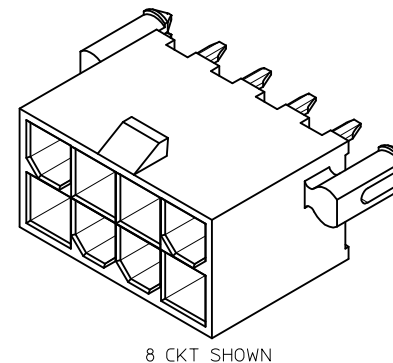
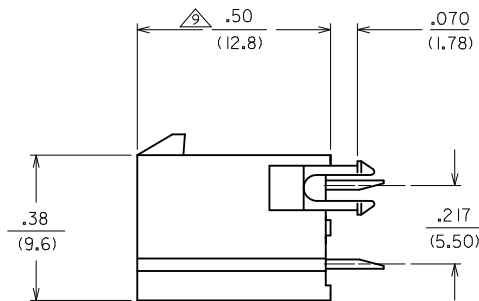
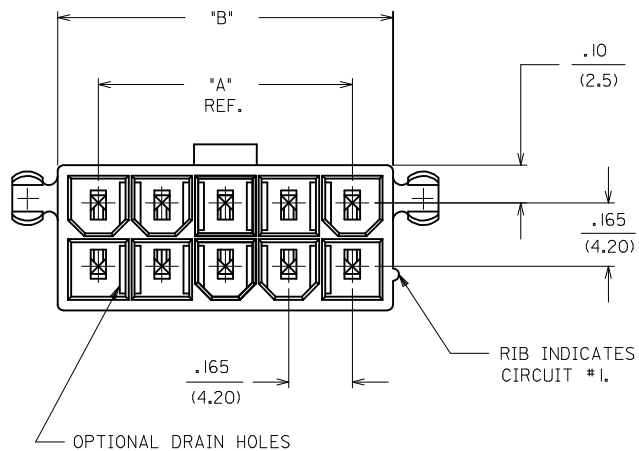




8 CKT SHOWN

NOTES:

1. HOUSING MATERIAL:

A - NYLON 6/6, UNFILLED U.L. 94V-2, COLOR NATURAL.

B - NYLON 6/6, UNFILLED U.L. 94V-0, COLOR NATURAL.

TERMINAL MATERIAL: BRASS ALLOY

2. TERMINAL PLATING

T - .000035 MIN. TIN OVER
.000020 MIN. COPPER OVERALL.

GS - .000030 MIN. SELECT GOLD AND
.000100 MIN. SELECT MATTE TIN
OVER .000050 MIN. NICKEL OVERALL.

GS2 - .000015 MIN. SELECT GOLD AND
.000100 MIN. SELECT MATTE TIN
OVER .000050 MIN. NICKEL OVERALL.

S - .000100 MIN. BRIGHT TIN OVER .000050 MIN. NICKEL OVERALL.

C - .000100 MIN. MATTE TIN OVER .000050 MIN. NICKEL OVERALL.

3. PRODUCT SPECIFICATION: PS-5556-001

4. PACKAGING SPECIFICATION: SEE CHART

5. PART MATES WITH MINI-FIT JR. RECEPTACLE #5557.

6. CONNECTOR ASSEMBLIES ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.

7. HOUSING STYLE

1 - WITHOUT PEGS, WITHOUT DRAIN HOLES

2 - WITHOUT PEGS, WITH DRAIN HOLES

3 - WITH PEGS, WITHOUT DRAIN HOLES

4 - WITH PEGS, WITH DRAIN HOLES

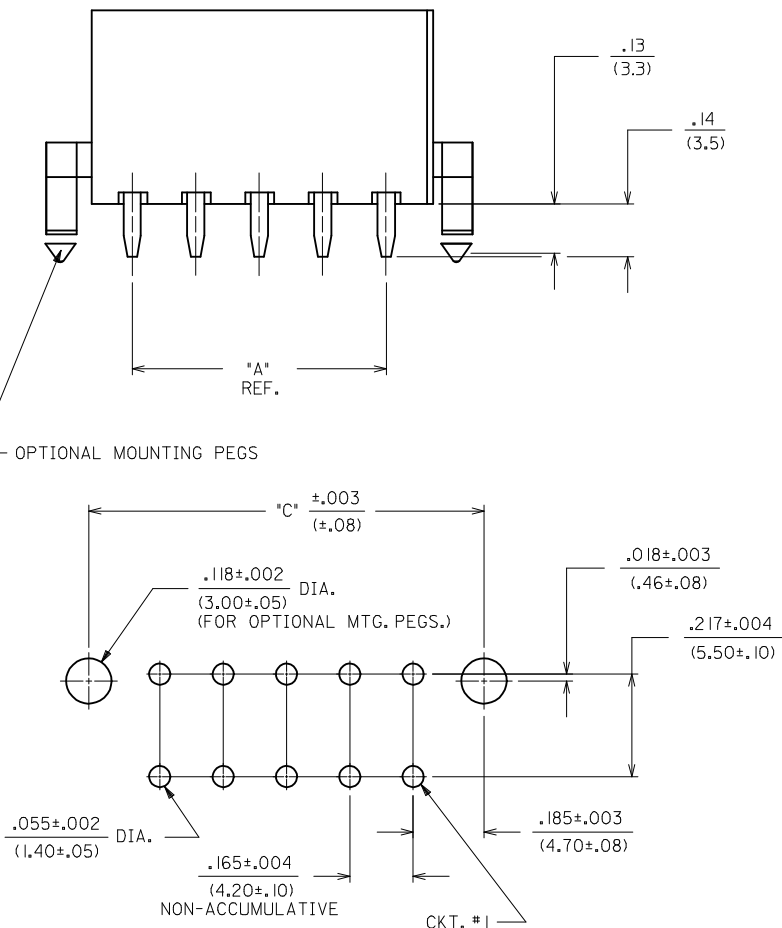
8. PARTS ARE NOT DESIGNED FOR CURRENT SHARING.

THIS DIMENSION APPLIES TO DUAL AND SINGLE ROW 4 THRU 24 CIRCUIT PARTS

THIS DIMENSION IS .490/(12.45) FOR 3 CIRCUIT SINGLE ROW PARTS ONLY.

10. PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002

11. 4 CIRCUIT PARTS WILL HAVE PEG DESIGN A. 5 CIRCUIT PARTS WILL HAVE PEG DESIGN B.



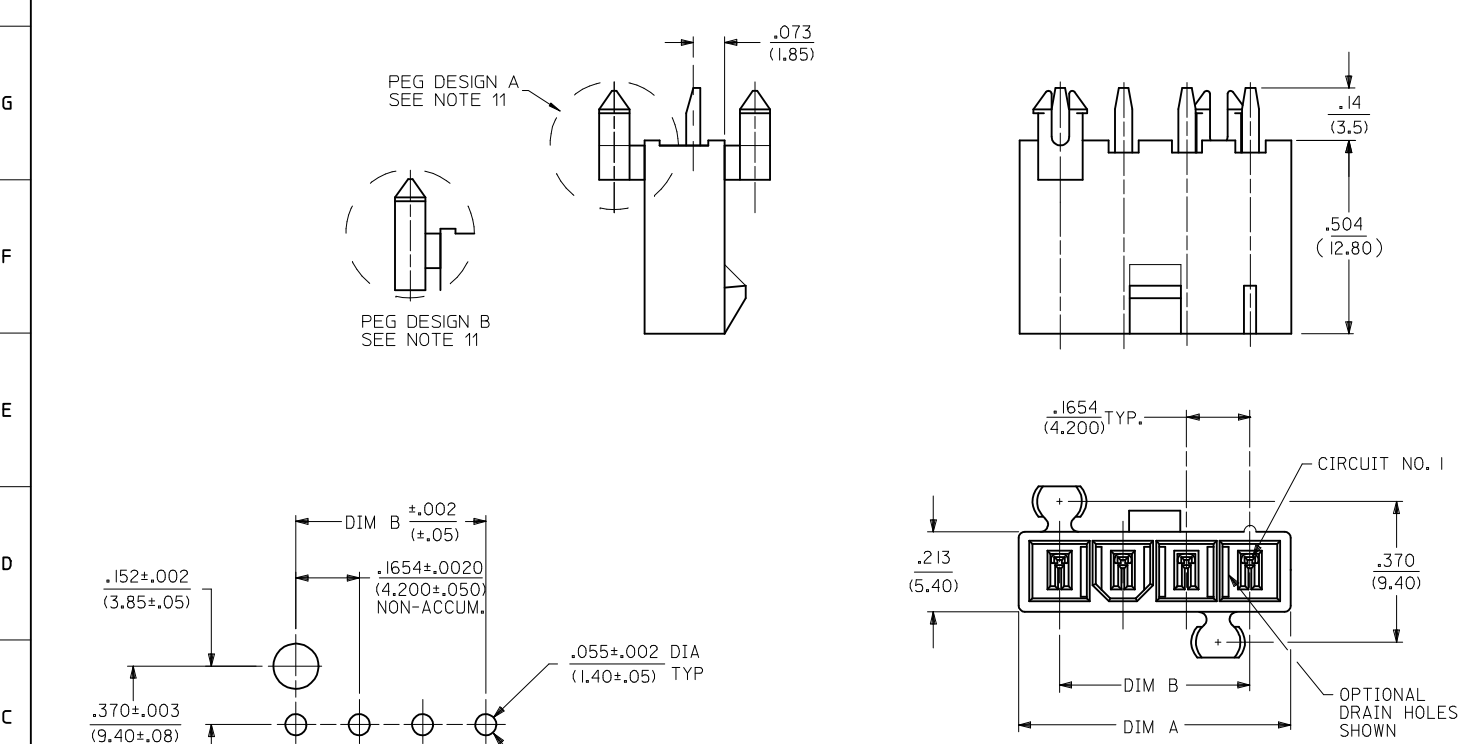
RECOMMENDED P.C. BOARD LAYOUT
VIEWED FROM COMPONENT SIDE

ADD 42382-0030 EC NO: UCP2015-0551 DRWN: DFOX 2014/08/07 CHKD: JBELL 2014/08/07 APPR: FSMITH 2014/08/14	DESCRIPTION L7	REV	QUALITY SYMBOLS
---	---	-----	---

CIRCUIT SIZE	DIM. "A"	DIM. "B"	DIM. "C"
2	—	.21 (5.4)	.370 (9.40)
4	.17 (4.2)	.38 (9.6)	.535 (13.60)
6	.33 (8.4)	.54 (13.8)	.701 (17.80)
8	.50 (12.6)	.71 (18.0)	.866 (22.00)
10	.66 (16.8)	.87 (22.2)	1.031 (26.20)
12	.83 (21.0)	1.04 (26.4)	1.197 (30.40)
14	.99 (25.2)	1.20 (30.6)	1.362 (34.60)
16	1.16 (29.4)	1.37 (34.8)	1.528 (38.80)
18	1.32 (33.6)	1.54 (39.0)	1.693 (43.00)
20	1.49 (37.8)	1.70 (43.2)	1.858 (47.20)
22	1.65 (42.0)	1.87 (47.4)	2.024 (51.40)
24	1.82 (46.2)	2.03 (51.6)	2.189 (55.60)

13		12		11		10		9		8		7		6		5		4		3		2		1								
PART NO.	ENG. NO.	CKT SIZE	HSG ROW STYLE	CHARACTERISTIC DESCRIPTION	PACKAGING PER	TERMINAL PLATING REQUIRED AT EACH CIRCUIT LOCATION: V = VOID																										
						I	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
J	423820018	A-42382-0018	10	DUAL	10A1B	TBD	T	T	T	T	T	T	V	T	T	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	423820020	A-42382-0020	10	DUAL	10A1B	TBD	T	V	T	V	T	T	V	T	V	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	423820021	A-42382-0021	16	DUAL	16B4C	TBD	V	S	V	V	S	V	V	S	V	S	V	V	S	V	V	S	-	-	-	-	-	-	-	-	-	-
	423820022	A-42382-0022	05	SINGLE	05B3C	TBD	S	V	V	S	V	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I	423820023	A-42382-0023	04	SINGLE	04A3C	TBD	S	V	V	S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	423820024	A-42382-0024	05	SINGLE	05B3C	TBD	S	V	V	S	S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	423820025	A-42382-0025	04	SINGLE	04A3C	PK-5566-002	S	V	V	S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	423820026	42382-0026	05	SINGLE	05B3C	PK-5566-002	S	V	S	V	S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
H	423820027	42382-0027	08	DUAL	08A1C	PK-5566-001	S	V	V	S	S	V	V	S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	423820028	42382-0028	05	SINGLE	05B3D	PK-5566-002	C	V	V	V	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	423820029	42382-0029	05	SINGLE	05B3A	PK-5566-002	GS	V	GS	V	GS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	423820030	42382-0030	08	DUAL	08B3A	PK-5566-001	GS	V	GS	V	V	GS	V	GS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHARACTERISTICS LEGEND:																																

CHARACTERISTICS LEGEND:



CIRCUIT SIZE _____
(02-24)
HOUSING MATERIAL _____
A = 94V-2,NATURAL
B = 94V-0,NATURAL
HOUSING STYLE _____
1 = W/O PEGS, W/O DRAIN HOLES
2 = W/O PEGS, W/ DRAIN HOLES
3 = W/ PEGS, W/O DRAIN HOLES
4 = W/ PEGS, W/ DRAIN HOLES
PLATING COMBINATION _____
A = 100 M.I. TIN, 30 M.I. SEL. GOLD
B = 35 M.I. TIN OVER COPPER.
C = 100 M.I. BRIGHT TIN OVER NICKEL.
D = 100 M.I. MATTE TIN OVER NICKEL.

CKT SIZE	DIM A	DIM B
4	.709 (18.00)	.496 (12.60)
5	.874 (22.20)	.661 (16.80)

VIEWS APPLY TO 4 AND 5 CIRCUIT SINGLE ROW HEADER ASSEMBLY
(PART SHOWN FULLY LOADED)

SEE SHEET 1
EC NO: UCP2015-0551
DRWN:JDFOX
CHKD:JBELL
APPR:FSMITH

2014/08/07
2014/08/07
2014/08/14

DESCRIPTION
REV

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± .015
2 PLACES ± 0.38 ± .020
1 PLACE ± 0.50 ± ---
0 PLACE ± ±
ANGULAR ±1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM
DRAWN BY
DATE
CHECKED BY
DATE
APPROVED BY
DATE
MATERIAL NO.
SIZE

RJF
10/04/88
JTR
10/04/88
FSMITH
2011/01/17
SEE CHART

SCALE
4:1
DESIGN UNITS
METRIC
THIRD ANGLE PROJECTION

VERTICAL HDR. ASSEMBLIES
WITH MIXED TERM. PLATING
(MINI-FIT JR. SERIES)
molex
DOCUMENT NO.
SDA-42382-****
SHEET NO.
3 OF 3

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