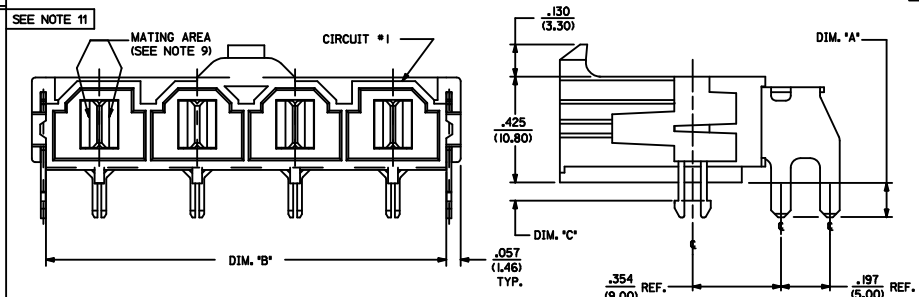
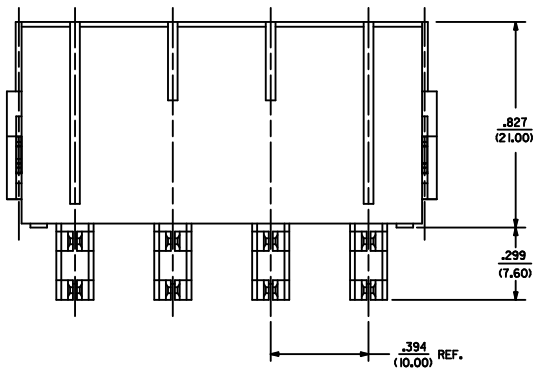
ITEM NUMBER	CKT. SIZE	DIM. "A"	DIM. "B"	DIM. "C"	TERMINAL PLATING	CLIP PLATING
42820-2212	2	.138(3.50)	.823(20.90)	.071(1.80)	OVERALL BRIGHT TIN	NONE
42820-2219	2	.138(3.50)	.823(20.90)	.071(1.80)		
42820-2222	2	.201(5.10)	.823(20.90)	.102(2.60)		
42820-2232	2	.201(5.10)	.823(20.90)	.134(3.40)		
42820-2239	2	.201(5.10)	.823(20.90)	.134(3.40)		
42820-2242	2	.327(8.30)	.823(20.90)	.259(6.58)		
42820-3212	3	.138(3.50)	1.217(30.90)	.071(1.80)		
42820-3222	3	.201(5.10)	1.217(30.90)	.102(2.60)		
42820-3229	3	.201(5.10)	1.217(30.90)	.102(2.60)		
42820-3232	3	.201(5.10)	1.217(30.90)	.134(3.40)		
42820-3242	3	.327(8.30)	1.217(30.90)	.259(6.58)		
42820-4212	4	.138(3.50)	1.610(40.90)	.071(1.80)		
42820-4312	4	.138(3.50)	1.610(40.90)	N/A		
42820-4222	4	.201(5.10)	1.610(40.90)	.102(2.60)		
42820-4232	4	.201(5.10)	1.610(40.90)	.134(3.40)		
42820-4242	4	.327(8.30)	1.610(40.90)	.259(6.58)		
42820-5212	5	.138(3.50)	2.004(50.90)	.071(1.80)		
42820-5222	5	.201(5.10)	2.004(50.90)	.102(2.60)		
42820-5232	5	.201(5.10)	2.004(50.90)	.134(3.40)		
42820-5242	5	.327(8.30)	2.004(50.90)	.259(6.58)		
42820-6212	6	.138(3.50)	2.389(60.90)	.071(1.80)		
42820-6222	6	.201(5.10)	2.389(60.90)	.102(2.60)		
42820-6229	6	.201(5.10)	2.389(60.90)	.102(2.60)		
42820-6232	6	.201(5.10)	2.389(60.90)	.134(3.40)		
42820-6242	6	.327(8.30)	2.389(60.90)	.259(6.58)		
42820-2332	2	.201(5.10)	.823(20.90)	N/A		
42820-2342	2	.327(8.30)	.823(20.90)	N/A		
42820-2213	2	.138(3.50)	.823(20.90)	.071(1.80)	SELECT GOLD IN CONTACT AREA SELECT MATTE TIN ON SOLDER TAILS	
42820-2223	2	.201(5.10)	.823(20.90)	.102(2.60)		
42820-2233	2	.201(5.10)	.823(20.90)	.134(3.40)		
42820-2243	2	.327(8.30)	.823(20.90)	.259(6.58)		
42820-3213	3	.138(3.50)	1.217(30.90)	.071(1.80)		
42820-3228	3	.138(3.50)	1.217(30.90)	.102(2.60)		
42820-3223	3	.201(5.10)	1.217(30.90)	.102(2.60)		
42820-3233	3	.201(5.10)	1.217(30.90)	.134(3.40)		
42820-3243	3	.327(8.30)	1.217(30.90)	.259(6.58)		
42820-4213	4	.138(3.50)	1.610(40.90)	.071(1.80)		
42820-4223	4	.201(5.10)	1.610(40.90)	.102(2.60)		
42820-4233	4	.201(5.10)	1.610(40.90)	.134(3.40)		
42820-4243	4	.327(8.30)	1.610(40.90)	.259(6.58)		
42820-5213	5	.138(3.50)	2.004(50.90)	.071(1.80)		
42820-5223	5	.201(5.10)	2.004(50.90)	.102(2.60)		
42820-5233	5	.201(5.10)	2.004(50.90)	.134(3.40)		
42820-5243	5	.327(8.30)	2.004(50.90)	.259(6.58)		
42820-6213	6	.138(3.50)	2.398(60.90)	.071(1.80)		
42820-6223	6	.201(5.10)	2.398(60.90)	.102(2.60)		
42820-6233	6	.201(5.10)	2.398(60.90)	.134(3.40)		
42820-6243	6	.327(8.30)	2.398(60.90)	.259(6.58)		

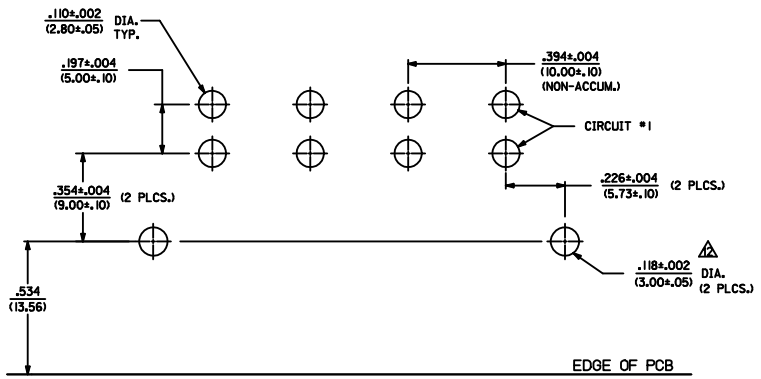




NOTES:

1) MATERIAL:
   HOUSING MATERIAL: 30% GLASS-FILLED NYLON 4/6, U.L. 94V-0, COLOR: BLACK.
   TERMINAL MATERIAL: ALLOY 151.
2) FINISH: 2= .000100/(.00254) MIN. TIN OVER .000050/(.00127) MIN. NICKEL.
   3= .000030/(.00076) MIN. SELECT GOLD IN CONTACT AREA.
   .000100/(.00254) MIN. SELECT TIN ON SOLDER TAILS
   OVER .000050/(.00127) MIN. NICKEL.
3) PRODUCT SPECIFICATION: PS-42815-001
4) PACKAGING INFORMATION SEE MOLEX PACKAGING SPEC. PK-42820-910
5) PART MATES WITH MOLEX RECEPTACLE #42816-###2 WITH TPA.
6) PART IS DESIGNED IN METRIC.
7) AN "X" IN FRONT OF THE ITEM NUMBER INDICATES THE PART IS NOT TOOLED.
8) PARTS ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
9) WHEN USING OVERALL TIN PLATED TERMINALS:
   FOR APPLICATIONS INVOLVING VIBRATION AND/OR THERMAL CYCLING, MOLEX STRONGLY RECOMMENDS THE USE OF NYE LUBRICANT (NYOGEL 760G) ON THE MATING SURFACES OF THE TERMINAL.
10) PARTS CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002
11) FOR TAPE AND REEL PACKAGING REFER TO PK-45986-004

⚠4 BOARD CLIP HOLE MAY OR MAY NOT BE PLATED. REFER TO CHART FOR PLATED / UNPLATED CLIPS.

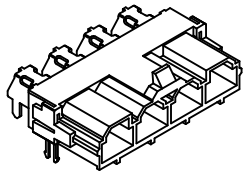


RECOMMENDED P.C. BOARD PLATED-THRU HOLE LAYOUT
(4 CKT. SHOWN FOR REF.)

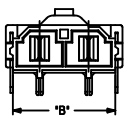
LEGEND:

A-42820 - • • • • •

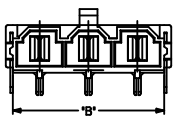
- CIRCUIT SIZE (2-6)
- MOUNTING OPTION
  - 1 = FLANGES (SEE DWG. SDA-42820-•1••)
  - 2 = RETENTION CLIP
  - 3 = NO RETENTION CLIP
- P.C. BOARD THICKNESS
  - 1 = .062/(1.57) NOMINAL
  - 2 = .093/(2.36) NOMINAL
  - 3 = .125/(3.18) NOMINAL
  - 4 = .250/(6.35) NOMINAL
- PLATING
  - 2 OR 9= OVERALL BRIGHT TIN OVER NICKEL
  - 3 OR 8= SELECT GOLD IN CONTACT AREA SELECT MATTE TIN ON SOLDER TAILS OVER NICKEL



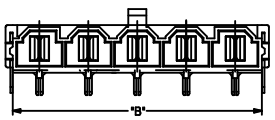
HEADER WITH RT. ANGLE TERMINAL & CLIP
ISO VIEW



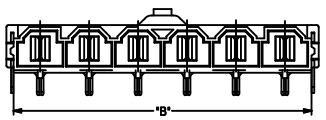
42820-22••



42820-32••



42820-52••



42820-62••

ADD P/N 42820-4312
EC NO: UCP2012-2415 2012/01/31
DRWN:AELHAG 2012/02/02
CHKD:JBELL 2012/02/10
APPR:FSMITH 2012/02/10
DESCRIPTION
REV G6

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.40	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	IN/MM
SCALE	4:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY / DATE	AELHAG 2010/08/05
CHECKED BY / DATE	JBELL 2010/08/05
APPROVED BY / DATE	FSMITH 2010/08/26
MATERIAL NO.	SEE CHART
TITLE	RIGHT ANGLE HEADER ASSEMBLY MINIFIT SR, SERIES
	MOLEX INCORPORATED
DOCUMENT NO.	SDA-42820-0002
SHEET NO.	1 OF 1

SIZE D

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