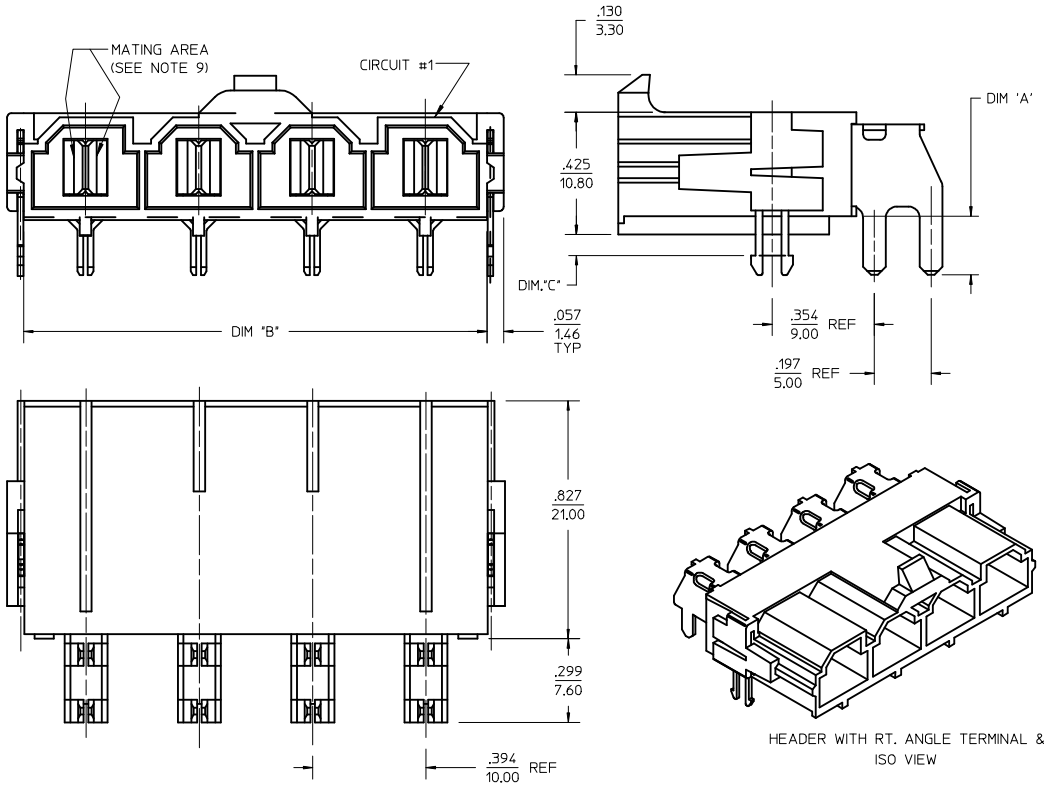
ITEM NUMBER	CKT. SIZE	DIM."A"	DIM."B"	DIM."C"	TERMINAL PLATING	CLIP PLATING	STATUS
42820-2213	2	.138/(3.50)	.823/(20.90)	.071/(1.80)	SELECT GOLD IN CONTACT AREA (SEE LEGEND) SELECT MATTE TIN ON SOLDER TAILS	NONE	ACTIVE
42820-2313	2	.138/(3.50)	.823/(20.90)	N/A			
42820-2223	2	.201/(5.10)	.823/(20.90)	.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)			
42820-2214	2	.138/(3.50)	.823/(20.90)	.071/(1.80)	SELECT SILVER IN CONTACT AREA (SEE LEGEND) SELECT MATTE TIN ON SOLDER TAILS		ACTIVE
42820-2224	2	.201/(5.10)	.823/(20.90)	.102/(2.60)			
42820-2234	2	.201/(5.10)	.823/(20.90)	.134/(3.40)			
42820-2244	2	.327/(8.30)	.823/(20.90)	.259/(6.58)			
42820-2314	2	.138/(3.50)	.823/(20.90)	N/A			
42820-3214	3	.138/(3.50)	1.217/(30.90)	.071/(1.80)			
42820-3224	3	.201/(5.10)	1.217/(30.90)	.102/(2.60)			
42820-3234	3	.201/(5.10)	1.217/(30.90)	.134/(3.40)			
42820-3244	3	.327/(8.30)	1.217/(30.90)	.259/(6.58)			
42820-3314	3	.138/(3.50)	1.217/(30.90)	N/A			
42820-4214	4	.138/(3.50)	1.610/(40.90)	.071/(1.80)			
42820-4224	4	.201/(5.10)	1.610/(40.90)	.102/(2.60)			
42820-4234	4	.201/(5.10)	1.610/(40.90)	.134/(3.40)			
42820-4244	4	.327/(8.30)	1.610/(40.90)	.259/(6.58)			
42820-5214	5	.138/(3.50)	2.004/(50.90)	.071/(1.80)			
42820-5224	5	.201/(5.10)	2.004/(50.90)	.102/(2.60)			
42820-5234	5	.201/(5.10)	2.004/(50.90)	.134/(3.40)			
42820-5244	5	.327/(8.30)	2.004/(50.90)	.259/(6.58)			
42820-5314	5	.138/(3.50)	2.004/(50.90)	N/A			
42820-6214	6	.138/(3.50)	2.398/(60.90)	.071/(1.80)			
42820-6224	6	.201/(5.10)	2.398/(60.90)	.102/(2.60)			
42820-6234	6	.201/(5.10)	2.398/(60.90)	.134/(3.40)			
42820-6244	6	.327/(8.30)	2.398/(60.90)	.259/(6.58)			

NOTE:
1) MATERIAL:
HOUSING MATERIAL:30% GLASS-FILIED 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.
OVER .000050/(.00127) MIN NICKEL.
4= .000100/(00254) MIN SELECT SILVER 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 PACKING 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 TERMINAL CYCLING, MOLEX STRONGLY RECOMMENDS THE USE OF NYE LUBRICANT (NYOGEL 760G) ON THE MATING SURFACES OF THE TERMINAL.
10) PARTS CONFORMS TO CLASS 'B' REQUIRMENTS OF COSMETIC SPECIFICATIONS PS-45499-002
11) FOR TAPE AND REEL PACKAGING REFER TO PK-45986-004
12 BOARD CLIP HOLE MAY OR MAY NOT BE PLATED. REFER TO CHART FOR PLATED / UNPLATED CLIPS.
13) REFER AS-42815-001 FOR TIN PLATED TERMINALS RECOMMENDED LUBRICATION PROCEDURE.



HEADER WITH RT. ANGLE TERMINAL & CLIP
ISO VIEW

LEGEND :

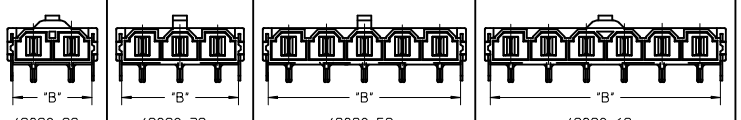
A-42820 - * * * *

CIRCUIT SIZE (2-6)

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
4 = SELECT SILVER IN CONTACT AREA
SELECT MATTE TIN ON SOLDER TAILS OVER NICKEL

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



TRANSFER TO INDIA
EC NO: UCP2018-0286 2017/08/25
DRWN: JSCHAFER 2017/09/08
CHKD:
APPR: FSMITH
DESCRIPTION
REV

QUALITY SYMBOLS
E =0
F =0
P =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .010
1 PLACE	± 0.25	± ---
0 PLACE	± ---	± ---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 3:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	KSM	1/4/96
CHECKED BY	SF	1/4/96
APPROVED BY	SF	1/4/96

TITLE
MINI-FIT SR.
RIGHT ANGLE
HEADER ASSEMBLY

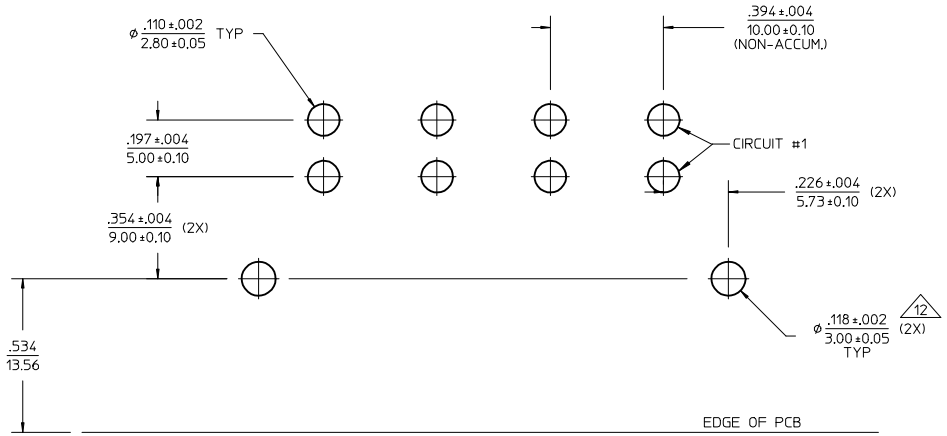
molex

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-42820-0002
SHEET NO.: 1 OF 2

SIZE C

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

ITEM NUMBER	CKT. SIZE	DIM."A"	DIM."B"	DIM."C"	TERMINAL PLATING	CLIP PLATING	STATUS	
42820-2212	2	.138/(3.50)	.823/(20.90)	.071/(1.80)	OVERALL BRIGHT TIN	NONE	PLANNED FOR OBSOLESCENCE	SEE NOTE 11
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)	2.398/(60.90)	.071/(1.80)				
42820-6222	6	.201/(5.10)	2.398/(60.90)	.102/(2.60)				
42820-6229	6	.201/(5.10)	2.398/(60.90)	.102/(2.60)				
42820-6232	6	.201/(5.10)	2.398/(60.90)	.134/(3.40)				
42820-6242	6	.327/(8.30)	2.398/(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				



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

SEE SHEET 1
EC NO: UCP2018-0286 2017/08/25
DRWN: JSCHAFER 2017/09/08
CH'KD:
APPR: FSMITH
DESCRIPTION
REV

QUALITY SYMBOLS
F =0
F =0
F =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .010
1 PLACE	± 0.25	± ---
0 PLACE	± ---	± ---

ANGULAR ±1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 3:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: KSM DATE: 1/4/96
CHECKED BY: SF DATE: 1/4/96
APPROVED BY: SF DATE: 1/4/96

TITLE: MINI-FIT SR. RIGHT ANGLE HEADER ASSEMBLY

molex

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-42820-0002
SHEET NO.: 2 OF 2
SIZE: C

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Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

molex:

430451220 436803002 444280402 0436400901 190690096 190990010 417920538 151660057
152670269 760475001 0190690033 0436802002 190990009 398800403 447642001 152670251
190730231 152660117 430450225 447691602 152670357 190670071 447641402 5046940301
397730002 439151216 459705185 759001161 0190700155 151670255