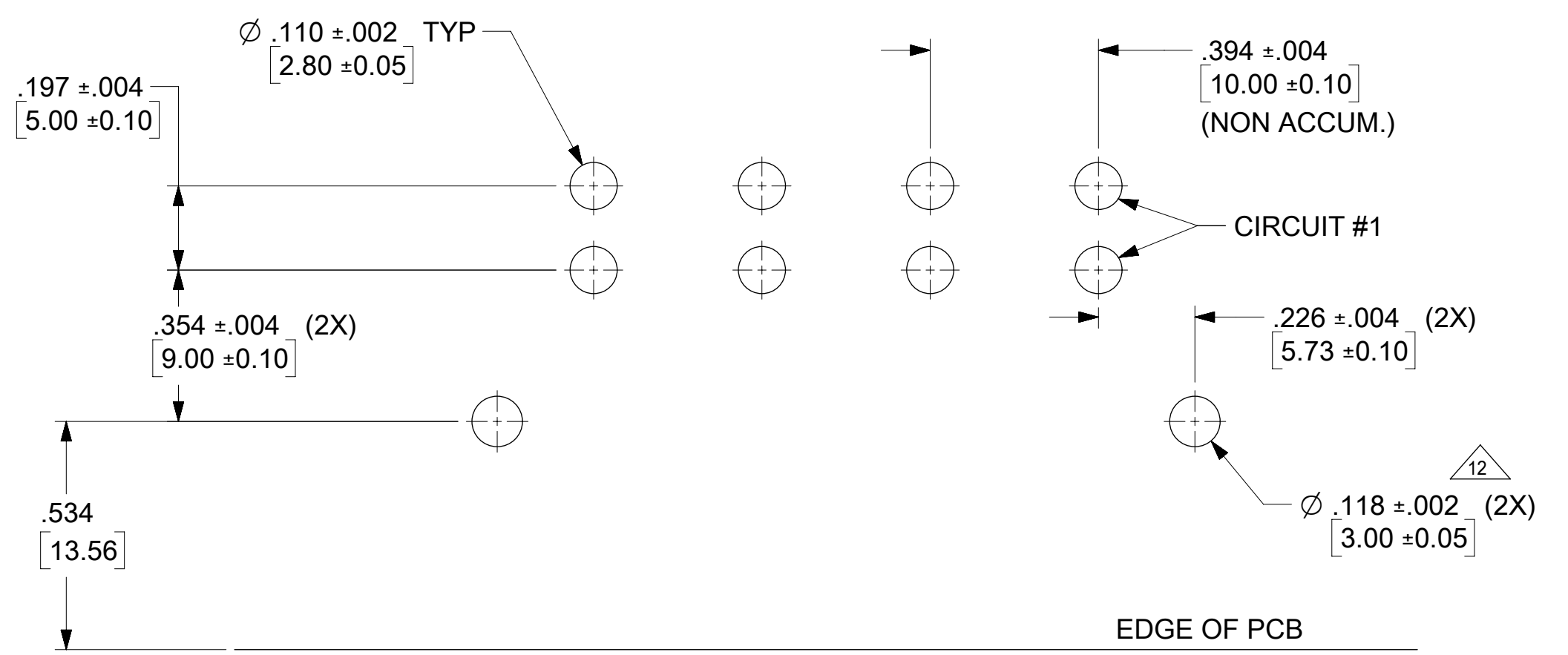
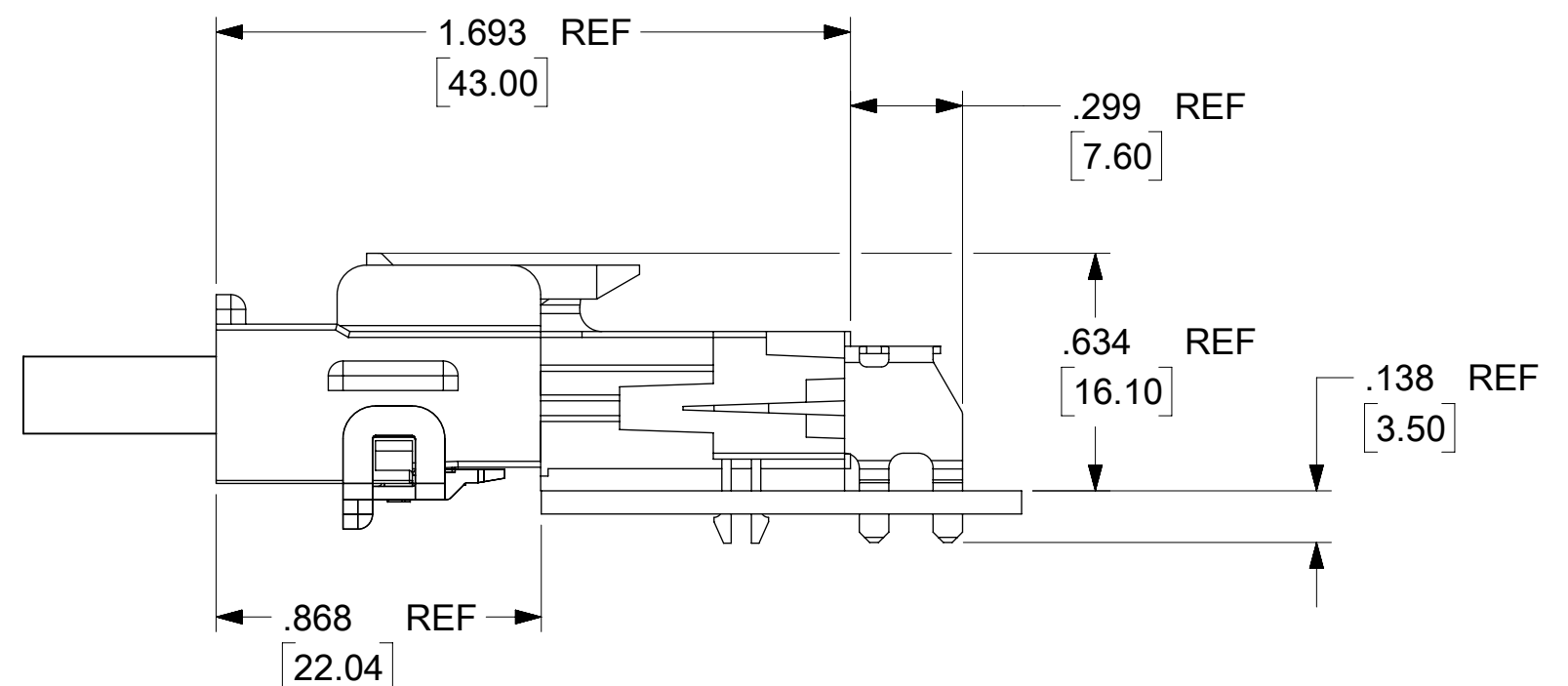


12		11		10		9		8		7		6		5		4		3		2		1	
ITEM NUMBER		CKT. SIZE	DIM."A"		DIM."B"		DIM."C"		TERMINAL PLATING		CLIP PLATING		STATUS		NOTE: 1) MATERIAL: HOUSING MATERIAL:30% GLASS-FILIED NYLON 4/6, U.L.94V-0, COLOR: BLACK. TERMINAL MATERIAL ALLOY 151. 2) FINISH: 2= .000100/(.00254) MIN. TIN OVER .000050/(.00127) 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. 14) FOR PN 42820**9* PLEASE REFER TO MOLEX PACAKAGING SPEC. 428204294-PK.								
H	42820-2213	2	.138/(3.50)		.823/(20.90)		.071/(1.80)		SELECT GOLD IN CONTACT AREA (SEE LEGEND)		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)																
G	42820-3228	3	.138/(3.50)		1.217/(30.90)		.102/(2.60)		SELECT MATTE TIN ON SOLDER TAILS														
	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)																
F	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)																
E	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)																
	42820-2224	2	.201/(5.10)		.823/(20.90)		.102/(2.60)																
D	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)																
C	42820-3244	3	.327/(8.30)		1.217/(30.90)		.259/(6.58)		SELECT SILVER IN CONTACT AREA (SEE LEGEND)														
	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)																
B	42820-5214	5	.138/(3.50)		2.004/(50.90)		.071/(1.80)		SELECT MATTE TIN ON SOLDER TAILS														
	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)																
A	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)																
	42820-2294	2	.138/(3.50)		0.823/(20.90)		.071/(1.80)																
	42820-4294	4	.138/(3.50)		1.610/(40.90)		.071/(1.80)																
	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 9 = .062/(1.57) NOMINAL WITH 428204294-PK¹⁴⁾																						

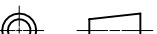
12		11		10		9		8		7		6		5		4		3		2		1	
ITEM NUMBER		CKT. SIZE	DIM."A"		DIM."B"		DIM."C"		TERMINAL PLATING	CLIP PLATING	STATUS												
H	42820-2212	2	.138/(3.50)		.823/(20.90)		.071/(1.80)		OVERALL BRIGHT TIN	NONE	PLANNED FOR OBSOLESCENCE	SEE NOTE 11											
	42820-2219	2	.138/(3.50)		.823/(20.90)		.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)																
G	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)																
F	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																

Technical drawing of a component, likely a connector or terminal block, showing dimensions and labels. The drawing includes a side view and a top view. Key dimensions and labels are:

- Overall length: 1.693 REF [43.00]
- Overall width: .299 REF [7.60]
- Overall height: .634 REF [16.10]
- Overall depth: .138 REF [3.50]
- Bottom width: .868 REF [22.04]
- Labels: H, G, F



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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex							
mm		3:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 714707 DRWN: KEVINS31 2022/07/18 CHK'D: KEVINS31 2022/07/19 APPR: ISHWARG 2022/07/19				MINI-FIT SR. RIGHT ANGLE HEADER ASSEMBLY							
ANGULAR TOL ± 0.5 °															
4 PLACES		±													
3 PLACES		±													
2 PLACES		± 0.25													
1 PLACE		± 0.4		INITIAL REVISION: DRWN: RFC_PLMIMP 2018/11/02 APPR: JCOMERCI 2001/07/18				PRODUCT CUSTOMER DRAWING							
0 PLACES		±													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING C-SIZE		SERIES 42820		MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 2	
DOCUMENT STATUS		P1	RELEASE DATE		2022/07/19 07:07:23										