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	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

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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																

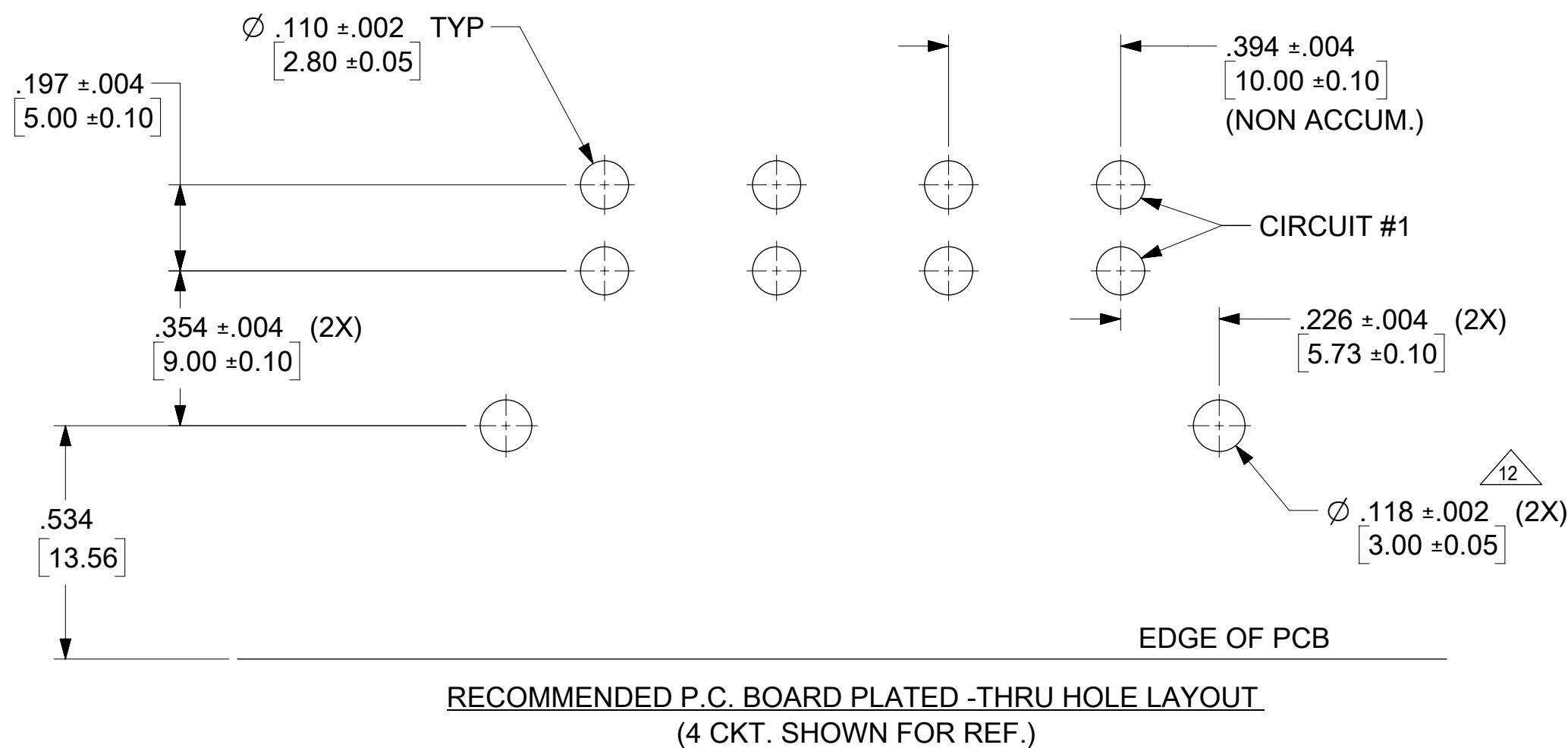
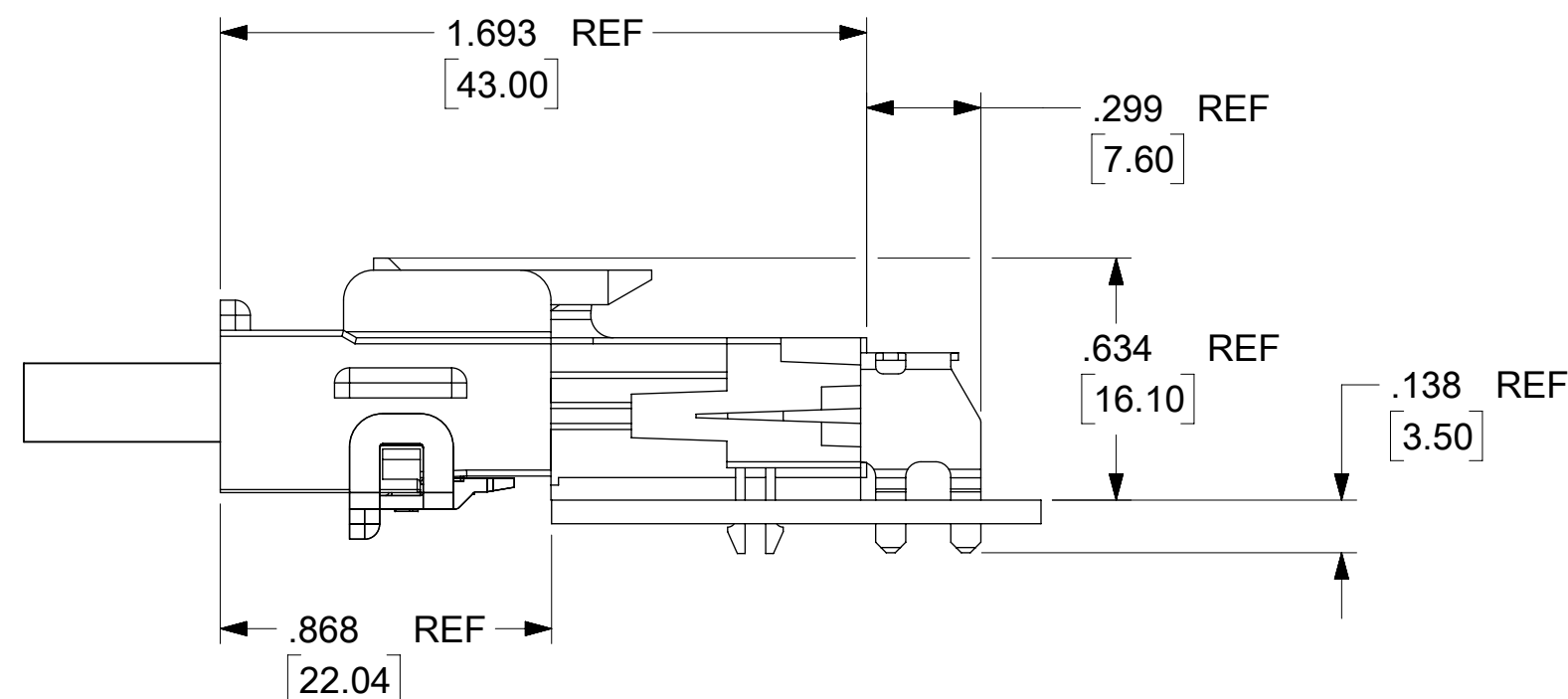
Technical drawing of a component, likely a connector or terminal block, showing dimensions and labels. The drawing includes a side view and a top view. Dimensions are provided in inches and millimeters (in parentheses). Labels include REF, H, G, and F.

Dimensions:

- 1.693 REF
- .299 REF
- .634 REF
- .138 REF
- .868 REF
- .43.00
- .7.60
- .16.10
- .3.50
- .22.04

Labels:

- H
- G
- F



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									
ANGULAR TOL ± 0.5 °																	
4 PLACES		±		INITIAL REVISION: DRWN: RFC_PLMIMP 2018/11/02 APPR: JCOMERCI 2001/07/18				PRODUCT CUSTOMER DRAWING									
3 PLACES		±															
2 PLACES		± 0.25						DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION	
1 PLACE		± 0.4						SDA-42820-0002				PSD		001		J2	
0 PLACES		±															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
						C-SIZE		42820		SEE CHART		GENERAL MARKET		2 OF 2			
DOCUMENT STATUS		P1	RELEASE DATE		2022/07/19 07:07:23												