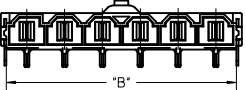
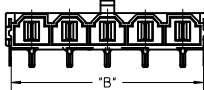
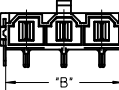
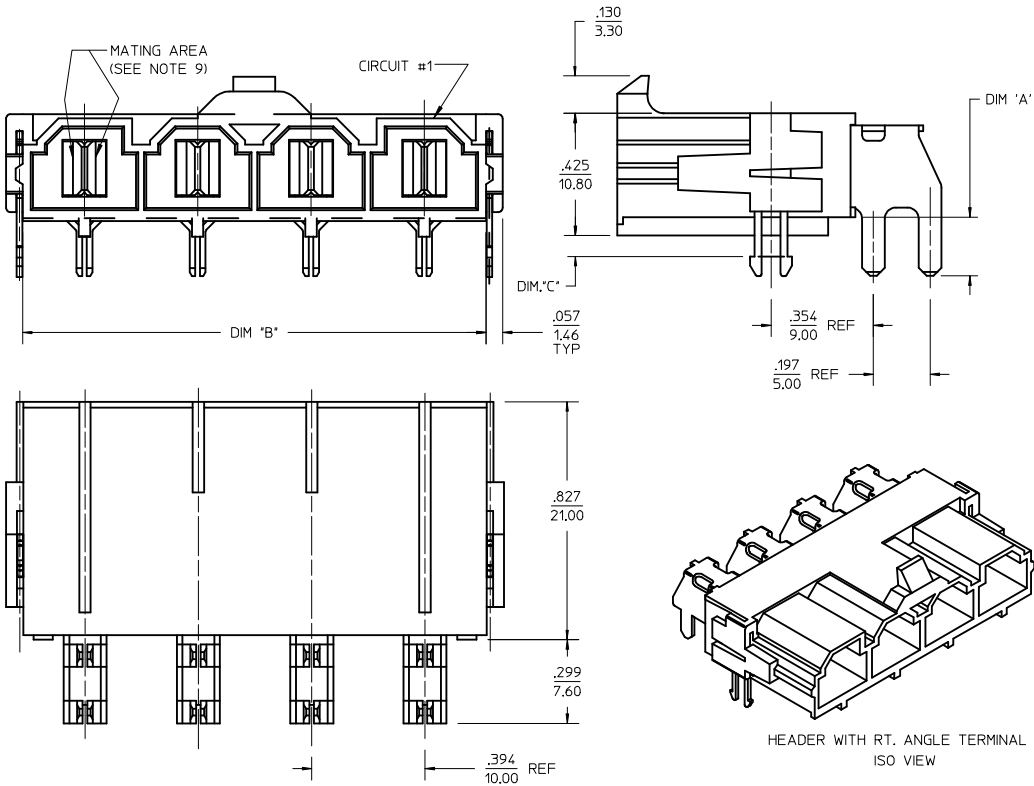


	13	12	11	10	9	8	7	6	5	4	3	2	1													
	ITEM NUMBER	OKT. SIZE	DIM."A"	DIM."B"	DIM."C"	TERMINAL PLATING	CLIP PLATING	STATUS	NOTE: 1) MATERIAL: HOUSING MATERIAL:30% GLASS-FILLED NYLON 4/6, U.L.94V-0, COLOR: BLACK, TERMINAL MATERIAL ALLOY 151. 2) FINISH: 2=.000100/(.00254) MIN. TIN OVER .000050/(.00127) MIN. NICKEL. 3=.000030/(.00076) MIN. SELECT GOLD IN CONTACT AREA. 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.																	
J	42820-2213	2	.138/(3.50)	.823/(20.90)	.071/(1.80)	SELECT GOLD IN CONTACT AREA (SEE LEGEND)		ACTIVE							J											
	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)																					
I	42820-3213	3	.138/(3.50)	1.217/(30.90)	.071/(1.80)										I											
	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)	SELECT MATTE TIN ON SOLDER TAILS																				
	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)																					
H	42820-5213	5	.138/(3.50)	2.004/(50.90)	.071/(1.80)										H											
	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)																					
G	42820-2214	2	.138/(3.50)	.823/(20.90)	.071/(1.80)	SELECT SILVER IN CONTACT AREA (SEE LEGEND)		ACTIVE							G											
	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)																					
F	42820-3234	3	.201/(5.10)	1.217/(30.90)	.134/(3.40)										F											
	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)	SELECT MATTE TIN ON SOLDER TAILS																				
	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)																					
E	42820-5214	5	.138/(3.50)	2.004/(50.90)	.071/(1.80)										E											
	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)																					
D	42820-6234	6	.201/(5.10)	2.398/(60.90)	.134/(3.40)										D											
	42820-6244	6	.327/(8.30)	2.398/(60.90)	.259/(6.58)																					
C	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-x1**) 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														C											
B															B											
A	 HEADER WITH RT. ANGLE TERMINAL & CLIP ISO VIEW														A											
	1b_frame_C_P_AM.T Rev. G 2012/01/11	12	11	10	9	8	7	6	5	4	3	2	1													
	TRANSFER TO INDIA EC NO: UCP2018-0286 DRWN:JSCHAEFER 2017/08/25 CHKD: APPR:FSM/TH 2017/09/08 REV DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=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 DRAWN BY DATE KSM 1/4/96 CHECKED BY DATE SF 1/4/96 APPROVED BY DATE SF 1/4/96 MATERIAL NO. SEE CHART SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SCALE 3:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION		MINI-FIT SR. RIGHT ANGLE HEADER ASSEMBLY molex		DOCUMENT NO. SDA-42820-0002		SHEET NO. 1 OF 2												

