

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)			NONE														
	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-PK																							
42820-22** 42820-32** 42820-52** 42820-62**																								
DOCUMENT STATUS		P1	RELEASE DATE		2022/07/19		07:07:23																	
12		11		10		9		8		7		6		5		4		3		2		1		

