

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)		SELECT MATTE TIN ON SOLDER TAILS																																																																																																																																																				
	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)																																																																																																																																																						
G	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)																																																																																																																																																						
F	42820-6233	6	.201/(5.10)		2.398/(60.90)		.134/(3.40)			NONE																																																																																																																																																			
	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)																																																																																																																																																						
	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)																																																																																																																																																						
E	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)		SELECT MATTE TIN ON SOLDER TAILS																																																																																																																																																				
	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)																																																																																																																																																						
D	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)																																																																																																																																																						
	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)																																																																																																																																																						
C	LEGEND :																																																																																																																																																												
B																																																																																																																																																													
A																																																																																																																																																													
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION <table><tr><th colspan="2">DIMENSION UNITS</th><th colspan="2">SCALE</th><th colspan="4">CURRENT REV DESC:</th><th colspan="4" rowspan="2"> moLEX </th></tr><tr><td colspan="2">mm</td><td colspan="2">3:1</td><td colspan="4"></td></tr><tr><td colspan="4">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="4">EC NO: 687922</td><td colspan="4" rowspan="3">MINI-FIT SR. RIGHT ANGLE HEADER ASSEMBLY</td></tr><tr><td colspan="4">ANGULAR TOL ± 0.5°</td><td colspan="4">DRWN: SHRUTJ 2021/12/06</td></tr><tr><td colspan="4">4 PLACES ±</td><td colspan="4">CHK'D: SHRUTJ 2021/12/07</td></tr><tr><td colspan="4">3 PLACES ±</td><td colspan="4">APPR: ISHWARG 2021/12/07</td><td colspan="4">PRODUCT CUSTOMER DRAWING</td></tr><tr><td colspan="4">2 PLACES ± 0.13</td><td colspan="4">INITIAL REVISION:</td><td colspan="4">DOCUMENT NUMBER</td><td colspan="2">DOC TYPE</td><td colspan="2">DOC PART</td><td colspan="2">REVISION</td></tr><tr><td colspan="4">1 PLACE ± 0.25</td><td colspan="4">DRWN: RFC_PLMIMP 2018/11/02</td><td colspan="4">SDA-42820-0002</td><td colspan="2">PSD</td><td colspan="2">001</td><td colspan="2">J1</td></tr><tr><td colspan="4">0 PLACES ±</td><td colspan="4">APPR: JCOMERCI 2001/07/18</td><td colspan="4">MATERIAL NUMBER</td><td colspan="4">CUSTOMER</td><td colspan="4">SHEET NUMBER</td></tr><tr><td colspan="4">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">THIRD ANGLE PROJECTION</td><td colspan="2">DRAWING</td><td colspan="2">SERIES</td><td colspan="2">SEE CHART</td><td colspan="4">GENERAL MARKET</td><td colspan="4">1 OF 2</td></tr></table>																						DIMENSION UNITS		SCALE		CURRENT REV DESC:				moLEX				mm		3:1						GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 687922				MINI-FIT SR. RIGHT ANGLE HEADER ASSEMBLY				ANGULAR TOL ± 0.5°				DRWN: SHRUTJ 2021/12/06				4 PLACES ±				CHK'D: SHRUTJ 2021/12/07				3 PLACES ±				APPR: ISHWARG 2021/12/07				PRODUCT CUSTOMER DRAWING				2 PLACES ± 0.13				INITIAL REVISION:				DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION		1 PLACE ± 0.25				DRWN: RFC_PLMIMP 2018/11/02				SDA-42820-0002				PSD		001		J1		0 PLACES ±				APPR: JCOMERCI 2001/07/18				MATERIAL NUMBER				CUSTOMER				SHEET NUMBER				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		SEE CHART		GENERAL MARKET				1 OF 2			
DIMENSION UNITS		SCALE		CURRENT REV DESC:				moLEX																																																																																																																																																					
mm		3:1																																																																																																																																																											
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 687922				MINI-FIT SR. RIGHT ANGLE HEADER ASSEMBLY																																																																																																																																																					
ANGULAR TOL ± 0.5°				DRWN: SHRUTJ 2021/12/06																																																																																																																																																									
4 PLACES ±				CHK'D: SHRUTJ 2021/12/07																																																																																																																																																									
3 PLACES ±				APPR: ISHWARG 2021/12/07				PRODUCT CUSTOMER DRAWING																																																																																																																																																					
2 PLACES ± 0.13				INITIAL REVISION:				DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION																																																																																																																																													
1 PLACE ± 0.25				DRWN: RFC_PLMIMP 2018/11/02				SDA-42820-0002				PSD		001		J1																																																																																																																																													
0 PLACES ±				APPR: JCOMERCI 2001/07/18				MATERIAL NUMBER				CUSTOMER				SHEET NUMBER																																																																																																																																													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		SEE CHART		GENERAL MARKET				1 OF 2																																																																																																																																													
DOCUMENT STATUS		P1	RELEASE DATE		2021/12/07		07:18:05																																																																																																																																																						
12		11		10		9		8		7		6		5		4		3		2		1																																																																																																																																							

