

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)  
[0428193233](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

ITEM NUMBER	QTY	DIM. 'A'	DIM. 'B'	DIM. 'C'	TERMINAL PLATING	CLIP PLATING	STATUS
42819-2213	2	.138(3.50)	.823(20.90)	.071(1.80)			
42819-2223	2	.201(5.10)	.823(20.90)	.102(2.60)			
42819-2233	2	.201(5.10)	.823(20.90)	.134(3.40)			
42819-2243	2	.327(8.30)	.823(20.90)	.259(6.58)			
42819-3213	3	.138(3.50)	1.216(30.90)	.071(1.80)			
42819-3223	3	.201(5.10)	1.216(30.90)	.102(2.60)			
42819-3233	3	.201(5.10)	1.216(30.90)	.134(3.40)			
42819-3243	3	.327(8.30)	1.216(30.90)	.259(6.58)			
42819-4213	4	.138(3.50)	1.610(40.90)	.071(1.80)			
42819-4223	4	.201(5.10)	1.610(40.90)	.102(2.60)			
42819-4233	4	.201(5.10)	1.610(40.90)	.134(3.40)			
42819-4243	4	.327(8.30)	1.610(40.90)	.259(6.58)			
42819-5213	5	.138(3.50)	2.004(50.90)	.071(1.80)			
42819-5223	5	.201(5.10)	2.004(50.90)	.102(2.60)			
42819-5233	5	.201(5.10)	2.004(50.90)	.134(3.40)			
42819-5243	5	.327(8.30)	2.004(50.90)	.259(6.58)			
42819-6213	6	.138(3.50)	2.398(60.90)	.071(1.80)			
42819-6223	6	.201(5.10)	2.398(60.90)	.102(2.60)			
42819-6233	6	.201(5.10)	2.398(60.90)	.134(3.40)			
42819-6243	6	.327(8.30)	2.398(60.90)	.259(6.58)			
42819-2214	2	.138(3.50)	.823(20.90)	.071(1.80)			
42819-2224	2	.201(5.10)	.823(20.90)	.102(2.60)			
42819-2234	2	.201(5.10)	.823(20.90)	.134(3.40)			
42819-2244	2	.327(8.30)	.823(20.90)	.259(6.58)			
42819-3214	3	.138(3.50)	1.216(30.90)	.071(1.80)			
42819-3224	3	.201(5.10)	1.216(30.90)	.102(2.60)			
42819-3234	3	.201(5.10)	1.216(30.90)	.134(3.40)			
42819-3244	3	.327(8.30)	1.216(30.90)	.259(6.58)			
42819-4214	4	.138(3.50)	1.610(40.90)	.071(1.80)			
42819-4224	4	.201(5.10)	1.610(40.90)	.102(2.60)			
42819-4234	4	.201(5.10)	1.610(40.90)	.134(3.40)			
42819-4244	4	.327(8.30)	1.610(40.90)	.259(6.58)			
42819-5214	5	.138(3.50)	2.004(50.90)	.071(1.80)			
42819-5224	5	.201(5.10)	2.004(50.90)	.102(2.60)			
42819-5234	5	.201(5.10)	2.004(50.90)	.134(3.40)			
42819-5244	5	.327(8.30)	2.004(50.90)	.259(6.58)			
42819-6214	6	.138(3.50)	2.398(60.90)	.071(1.80)			
42819-6224	6	.201(5.10)	2.398(60.90)	.102(2.60)			
42819-6234	6	.201(5.10)	2.398(60.90)	.134(3.40)			
42819-6244	6	.327(8.30)	2.398(60.90)	.259(6.58)			

**NOTES:**

- MATERIAL: HOUSING MATERIAL: 30%GLASS-FILLED NYLON4/6, UL94V-0, COLOR: BLACK. TERMINAL MATERIAL: ALLOY 151
- FINISH: 2 - .00100(.00254) MIN. \*TN OVER .00050(.00127) MIN. NICKEL. 3 - .00030(.00076) MIN. SELECT GOLD IN CONTACT AREA. .00010(.00254) MIN. SELECT \*TN ON SOLDER TAILS OVER .00050(.00127) MIN. NICKEL. 4 - .00010(.00254) MIN. SELECT SILVER IN CONTACT AREA .00010(.00254) MIN. SELECT TN ON SOLDER TAILS OVER .00050(.00127) MIN. NICKEL. \* THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELY ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TN-LEAD.
- PRODUCT SPECIFICATION: PS-42819-001
- PACKAGING INFORMATION: PK-42819-2375
- PART MATES WITH MOLEX RECEPTACLE #42819-\*\*\*2 WITH T.P.A.
- PART IS DESIGNED IN METRIC.
- AN "X" IN FRONT OF THE ITEM NUMBER INDICATES THE PART IS NOT TOOLED.
- THIS PART MEETS UL1950 REQUIREMENTS FOR CREEPAGE AND CLEARANCE AT 600 VAC AND 840 VDC.
- PARTS ARE NOT TO BE WATED OR UNMATED WHILE CIRCUITS ARE LIVE.
- WHEN USING OVERALL TN PLATED TERMINALS: FOR APPLICATIONS INVOLVING VIBRATION AND/OR THERMAL CYCLING, MOLEX STRONGLY RECOMMENDS THE USE OF NYE LUBRICANT NYOGEL 76000 ON THE MATING SURFACES OF THE TERMINAL.
- PARTS CONFORMS TO CLASS B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002
- BOARD CLIP HOLE MAY OR MAY NOT BE PLATED. REFER TO CHART FOR PLATED / UNPLATED CLIPS.
- REFER AS-42819-001 FOR TN PLATED TERMINALS RECOMMENDED LUBRICATION PROCEDURE.

**LEGEND:**

**MOUNTING OPTION**

- FLANGES (SEE DWG. SDA-42819-\*\*\*2)
- RETENTION CLIP

**P.C. BOARD THICKNESS**

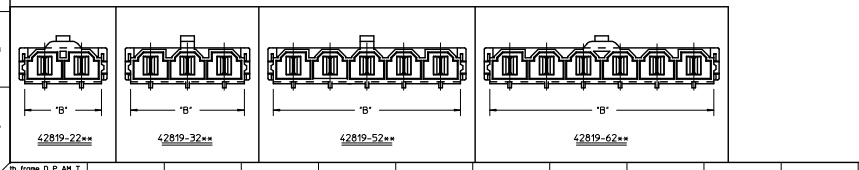
- .062(.157) NOMINAL
- .093(.236) NOMINAL
- .125(.318) NOMINAL
- .250(.635) NOMINAL

**PLATING**

- OR 9 - OVERALL BRIGHT TN OVER NICKEL
- SELECT GOLD IN CONTACT AREA
- SELECT MATTE TN ON SOLDER TAILS OVER NICKEL
- SELECT SILVER IN CONTACT AREA
- SELECT MATTE TN ON SOLDER TAILS OVER NICKEL

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

**HEADER WITH VERTICAL TERMINAL & CLIP ISO VIEW**



QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
4 PLACES	mm	IN/MM	4:1	METRIC	
3 PLACES	INCH				
2 PLACES	±0.25				
1 PLACE	±0.4				
0 PLACE	±1.0				

DRAWN BY	DATE	TITLE
SES	2014/02/12	VERTICAL HEADER ASSEMBLY MINIFIT SR SERIES
BRO2	2014/02/13	
APPROVED BY	DATE	
KPRASAD	2015/02/09	

DRAWING NO.	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE CHART		SDA-42819-0002	1 OF 2

**moLEX**

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

ITEM NUMBER	QTY. SIZE	DIM. 'A'	DIM. 'B'	DIM. 'C'	TERMINAL PLATING	CLIP PLATING	STATUS
42819-2212	2	.138(3.50)	.823(20.90)	.071(1.80)			
42819-2222	2	.201(5.10)	.823(20.90)	.102(2.60)			
42819-2229	2	.201(5.10)	.823(20.90)	.102(2.60)			
42819-2232	2	.201(5.10)	.823(20.90)	.134(3.40)			
42819-2242	2	.327(8.30)	.823(20.90)	.259(6.58)			
42819-3212	3	.138(3.50)	1.216(30.90)	.071(1.80)			
42819-3222	3	.201(5.10)	1.216(30.90)	.102(2.60)			
42819-3232	3	.201(5.10)	1.216(30.90)	.134(3.40)			
42819-3242	3	.327(8.30)	1.216(30.90)	.259(6.58)			
42819-4212	4	.138(3.50)	1.610(40.90)	.071(1.80)	OVERALL BRIGHT TIN	NONE	PLANNED FOR OBSOLESCENCE
42819-4222	4	.201(5.10)	1.610(40.90)	.102(2.60)			
42819-4232	4	.201(5.10)	1.610(40.90)	.134(3.40)			
42819-4242	4	.327(8.30)	1.610(40.90)	.259(6.58)			
42819-5212	5	.138(3.50)	2.004(50.90)	.071(1.80)			
42819-5222	5	.201(5.10)	2.004(50.90)	.102(2.60)			
42819-5232	5	.201(5.10)	2.004(50.90)	.134(3.40)			
42819-5242	5	.327(8.30)	2.004(50.90)	.259(6.58)			
42819-6212	6	.138(3.50)	2.398(60.90)	.071(1.80)			
42819-6222	6	.201(5.10)	2.398(60.90)	.102(2.60)			
42819-6232	6	.201(5.10)	2.398(60.90)	.134(3.40)			
42819-6242	6	.327(8.30)	2.398(60.90)	.259(6.58)			

SEE SHEET 1 REC. NO. UFP2015-2752 ECN NO. 2014/02/12 CHG. NO. 2015/02/12 APPROVED BY: [Signature] DATE: 2015/02/12	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DRAGON STYLE IN/MM	SCALE 1:2	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ±.005 ±.005	DRAWN BY: JES DATE: 2014/02/12	TITLE: VERTICAL HEADER ASSEMBLY MINIFIT SR SERIES  MATERIAL: SDA-42819-0002 SHEET NO. 2 OF 2		
	▽=0	3 PLACES ±.005 ±.005	CHECKED BY: BRO2 DATE: 2014/02/13			
	▽=0	2 PLACES ±0.25 ±.005	APPROVED BY: KPRASAD DATE: 2015/02/09			
▽=0	1 PLACE ±0.4 ±.005	0 PLACE ±.005 ±.005				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			