

Excellent Integrated System Limited

Stocking Distributor

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

[Molex Connector Corporation](#)
[0428192242](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

ITEM NUMBER	QTY SIZE	DIM. 'A'	DIM. 'B'	DIM. 'C'	TERMINAL PLATING	CLIP PLATING	STATUS
42819-2213	2	.138(3.50)	.823(20.90)	.071(1.80)			ACTIVE
42819-2223	2	.201(5.10)	.823(20.90)	.102(2.60)			ACTIVE
42819-2233	2	.201(5.10)	.823(20.90)	.134(3.40)			ACTIVE
42819-2243	2	.327(8.30)	.823(20.90)	.259(6.58)			ACTIVE
42819-3213	3	.138(3.50)	1.216(30.90)	.071(1.80)			ACTIVE
42819-3223	3	.201(5.10)	1.216(30.90)	.102(2.60)			ACTIVE
42819-3233	3	.201(5.10)	1.216(30.90)	.134(3.40)			ACTIVE
42819-3243	3	.327(8.30)	1.216(30.90)	.259(6.58)			ACTIVE
42819-4213	4	.138(3.50)	1.610(40.90)	.071(1.80)			ACTIVE
42819-4223	4	.201(5.10)	1.610(40.90)	.102(2.60)			ACTIVE
42819-4233	4	.201(5.10)	1.610(40.90)	.134(3.40)			ACTIVE
42819-4243	4	.327(8.30)	1.610(40.90)	.259(6.58)			ACTIVE
42819-5213	5	.138(3.50)	2.004(50.90)	.071(1.80)			ACTIVE
42819-5223	5	.201(5.10)	2.004(50.90)	.102(2.60)			ACTIVE
42819-5233	5	.201(5.10)	2.004(50.90)	.134(3.40)			ACTIVE
42819-5243	5	.327(8.30)	2.004(50.90)	.259(6.58)			ACTIVE
42819-6213	6	.138(3.50)	2.398(60.90)	.071(1.80)			ACTIVE
42819-6223	6	.201(5.10)	2.398(60.90)	.102(2.60)			ACTIVE
42819-6233	6	.201(5.10)	2.398(60.90)	.134(3.40)			ACTIVE
42819-6243	6	.327(8.30)	2.398(60.90)	.259(6.58)			ACTIVE
42819-2214	2	.138(3.50)	.823(20.90)	.071(1.80)			NONE
42819-2224	2	.201(5.10)	.823(20.90)	.102(2.60)			NONE
42819-2234	2	.201(5.10)	.823(20.90)	.134(3.40)			NONE
42819-2244	2	.327(8.30)	.823(20.90)	.259(6.58)			NONE
42819-3214	3	.138(3.50)	1.216(30.90)	.071(1.80)			NONE
42819-3224	3	.201(5.10)	1.216(30.90)	.102(2.60)			NONE
42819-3234	3	.201(5.10)	1.216(30.90)	.134(3.40)			NONE
42819-3244	3	.327(8.30)	1.216(30.90)	.259(6.58)			NONE
42819-4214	4	.138(3.50)	1.610(40.90)	.071(1.80)			NONE
42819-4224	4	.201(5.10)	1.610(40.90)	.102(2.60)			NONE
42819-4234	4	.201(5.10)	1.610(40.90)	.134(3.40)			NONE
42819-4244	4	.327(8.30)	1.610(40.90)	.259(6.58)			NONE
42819-5214	5	.138(3.50)	2.004(50.90)	.071(1.80)			NONE
42819-5224	5	.201(5.10)	2.004(50.90)	.102(2.60)			NONE
42819-5234	5	.201(5.10)	2.004(50.90)	.134(3.40)			NONE
42819-5244	5	.327(8.30)	2.004(50.90)	.259(6.58)			NONE
42819-6214	6	.138(3.50)	2.398(60.90)	.071(1.80)			NONE
42819-6224	6	.201(5.10)	2.398(60.90)	.102(2.60)			NONE
42819-6234	6	.201(5.10)	2.398(60.90)	.134(3.40)			NONE
42819-6244	6	.327(8.30)	2.398(60.90)	.259(6.58)			NONE

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

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 * COMPLAINT TO R&HS 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
- PART MATES WITH MOLEX RECEPTACLE #42819-***2 WITH T.P.A.
- PACKAGING INFORMATION: PK-42819-2375
- 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 NYN06L 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

HEADER WITH VERTICAL TERMINAL & CLIP ISO VIEW

ITEM NUMBER	CLIP 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 EC NO. UFP205-2752 EC DRAWINGS CHKD: APPR: DATE: 2015/02/09	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ±.005 ±.005	IN/MM	1:2	METRIC	
	▽=0	3 PLACES ±.005 ±.005				
	▽=0	2 PLACES ±.025 ±.025				
	▽=0	1 PLACE ±.04 ±.04				
	ANGULAR ±1/2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY	DATE	TITLE	
			JES	2014/02/12	VERTICAL HEADER ASSEMBLY MINIFIT SR SERIES	
			BRO2	2014/02/13		
			KPRASAD	2015/02/09		
			SEE CHART		DOCUMENT NO.	SHEET NO.
			D THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SDA-42819-0002	2 OF 2