

Excellent Integrated System Limited

Stocking Distributor

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

[Molex Connector Corporation](#)
[0428193243](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

| ITEM NUMBER | QTY | DIM. 'A' | DIM. 'B' | DIM. 'C' | TERMINAL PLATING | CLIP PLATING | STATUS |
|-------------|-----|-------------|--------------|------------|------------------|--------------|--------|
| 42819-2213 | 2 | .138(13.50) | .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(13.50) | 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(13.50) | 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(13.50) | 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(13.50) | 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(13.50) | .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(13.50) | 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(13.50) | 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(13.50) | 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(13.50) | 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:

- 1) MATERIAL: HOUSING MATERIAL: 30%GLASS-FILLED NYLON4/6, UL94V-0, COLOR: BLACK. TERMINAL MATERIAL: ALLOY 151
- 2) FINISH: 2 - .00100(.00254) MIN. *TIN OVER .00050(.00127) MIN. NICKEL. 3 - .00030(.00076) MIN. SELECT GOLD IN CONTACT AREA. .00010(.00254) MIN. SELECT *TIN ON SOLDER TAILS OVER .00050(.00127) MIN. NICKEL. 4 - .00010(.00254) MIN. SELECT SILVER IN CONTACT AREA .00010(.00254) MIN. SELECT TIN 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 TIN-LEAD.
- 3) PRODUCT SPECIFICATION: PS-42819-001
- 4) PACKAGING INFORMATION: PK-42819-2375
- 5) PART MATES WITH MOLEX RECEPTACLE #42819-***2 WITH T.P.A.
- 6) PART IS DESIGNED IN METRIC.
- 7) AN 'X' IN FRONT OF THE ITEM NUMBER INDICATES THE PART IS NOT TOOLED.
- 8) THIS PART MEETS UL1950 REQUIREMENTS FOR CREEPAGE AND CLEARANCE AT 600 VAC AND 840 VDC.
- 9) PARTS ARE NOT TO BE WATED OR UNMATED WHILE CIRCUITS ARE LIVE.
- 10) WHEN USING OVERALL TIN PLATED TERMINALS: FOR APPLICATIONS INVOLVING VIBRATION AND/OR THERMAL CYCLING, MOLEX STRONGLY RECOMMENDS THE USE OF NYE LUBRICANT NYNOLG 76000 ON THE MATING SURFACES OF THE TERMINAL.
- 11) PARTS CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002
- 12) BOARD CLIP HOLE MAY OR MAY NOT BE PLATED. REFER TO CHART FOR PLATED / UNPLATED CLIPS.
- 13) REFER AS-42819-001 FOR TIN PLATED TERMINALS RECOMMENDED LUBRICATION PROCEDURE.

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 ±0.05 3 PLACES ±0.05 2 PLACES ±0.25 1 PLACE ±0.4 0 PLACE ±1.0 | mm INCH | DRAWN BY: SES DATE: 2014/02/12 CHECKED BY: BRO2 DATE: 2014/02/13 APPROVED BY: KPRASAD DATE: 2015/02/09 | 4:1 | METRIC | MATERIAL NO. SEE CHART DOCUMENT NO. SDA-42819-0002 SHEET NO. 1 OF 2 |

| 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 EC NO. IEP2015-2752 EC DRAWINGS CHCK: 2014/02/12 APPR: 2015/02/09 REV: | 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 | DRAWN BY | DATE | TITLE | |
| | ▽=0 | 2 PLACES ±.010 ±.010 | DES | 2014/02/12 | VERTICAL HEADER ASSEMBLY | |
| | | 1 PLACE ±.025 ±.025 | CHECKED BY | DATE | | |
| | | 0 PLACE ±.04 ±.04 | BR02 | 2014/02/13 | | |
| | | ANGULAR ±1/2° | APPROVED BY | DATE | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | KPRASAD | 2015/02/09 | | |
| | | | MATERIAL NO. | SEE CHART | DOCUMENT NO. | SHEET NO. |
| | | | | | SDA-42819-0002 | 2 OF 2 |
| | | | | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | |