

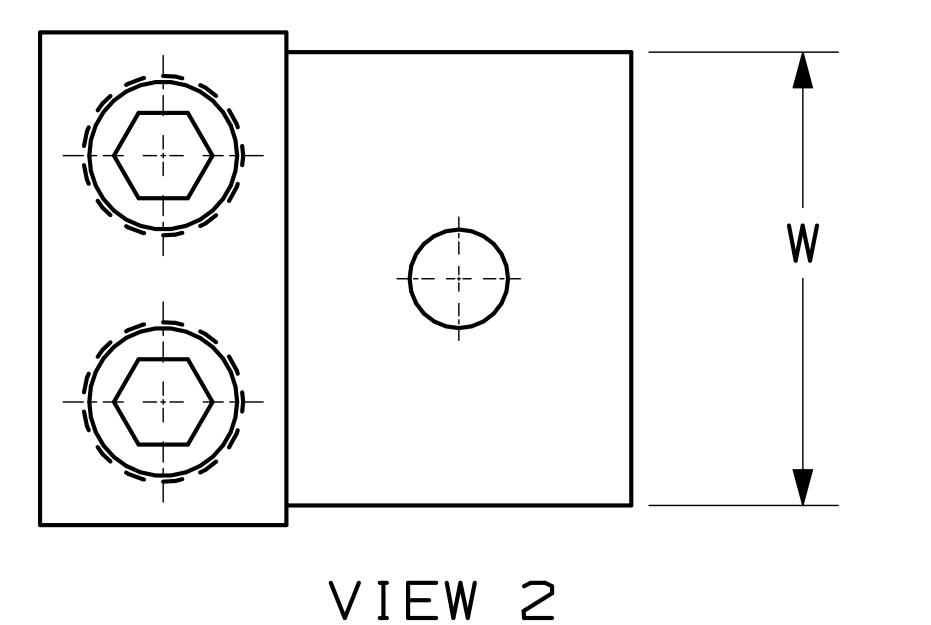
World Leader in Network and Electrical Solutions

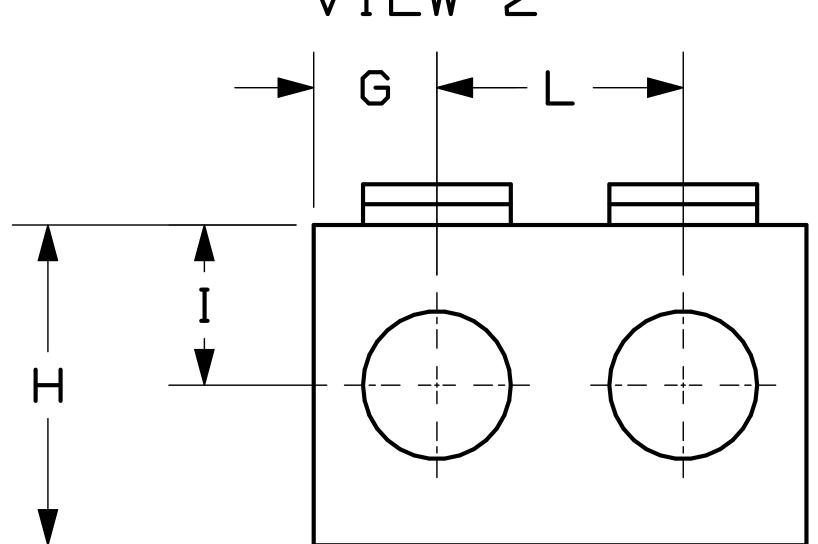
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Printer Friendly

| IOME   SOLUTIONS   RESOURCES   PR           | ODUCTS   SERVICES   LEARNING SEARCH   |                 |
|---|---|-----------------|
| Current refinements (click 🛛 to rem         | ove)  | Search Tips 👩   |
|   | e-Hole, Two-Barrel Lug 🔀 Text Search: 'LAM2A250-38-6Y'  | Joint Compounds |
| You   | r search criteria matched only one product, shown below.  |                 |
| -   | For Use with Stranded Aluminum or Copper Code Conductors  |                 |
| Contraction (Co                             | <ul> <li>Dual barrel provides termination of two conductors</li> <li>Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance</li> <li>Tin-plated to inhibit corrosion</li> <li>Wide wire range-taking capability minimizes inventory requirements</li> <li>Inspection window to visually assure full conductor insertion</li> <li>Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector</li> <li>UL Listed and CSA Certified for use up to 600 V and UL temperature rated 90°C</li> <li>Available with NEMA hole sizes and spacing</li> </ul> |                 |
| Part Number:                                | LAM2A250-38-6Y  |                 |
| RoHS Compliancy Status:                     | Compliant   |                 |
| Note:                                       | LAM2A250-38-6Y replaces LAM2A250-38-6   |                 |
| Part Description:                           | Aluminum, dual barrel, one-hole tongue connector type LAM2A.  |                 |
| Product Type:                               | Mechanical Connectors - Lugs  |                 |
| CSA Certified:                              | Yes   |                 |
| UL Listed:                                  | Yes   |                 |
| Height (In.):                               | 1.19  |                 |
| Height (mm):                                | 30.2  |                 |
| Length (In.):                               | 2.56  |                 |
| Length (mm):                                | 65.0  |                 |
| Stud Hole Size (In.):                       | 3/8   |                 |
| Tongue Width (In.):                         | 1.50  |                 |
| Aluminum or Copper Conductor Size<br>Range: | #6 AWG – 250 kcmil  |                 |
| Collar Length:                              | 1.62  |                 |
| Hex Key Size (In.):                         | 3/8   |                 |
| Tightening Torque (In-Lbs):                 | 375   |                 |
| Tongue Length:                              | 1.56  |                 |
| Tongue Thickness:                           | .25   |                 |
| Tongue Width (mm):                          | 38.1  |                 |
| Min. Order UOM:                             | PC  |                 |
| Min. Order Qty.:                            | 1   |                 |
| BOM Qty. (# of Pkgs.)                       |   |                 |
| Add to My Catalog                           |   |                 |

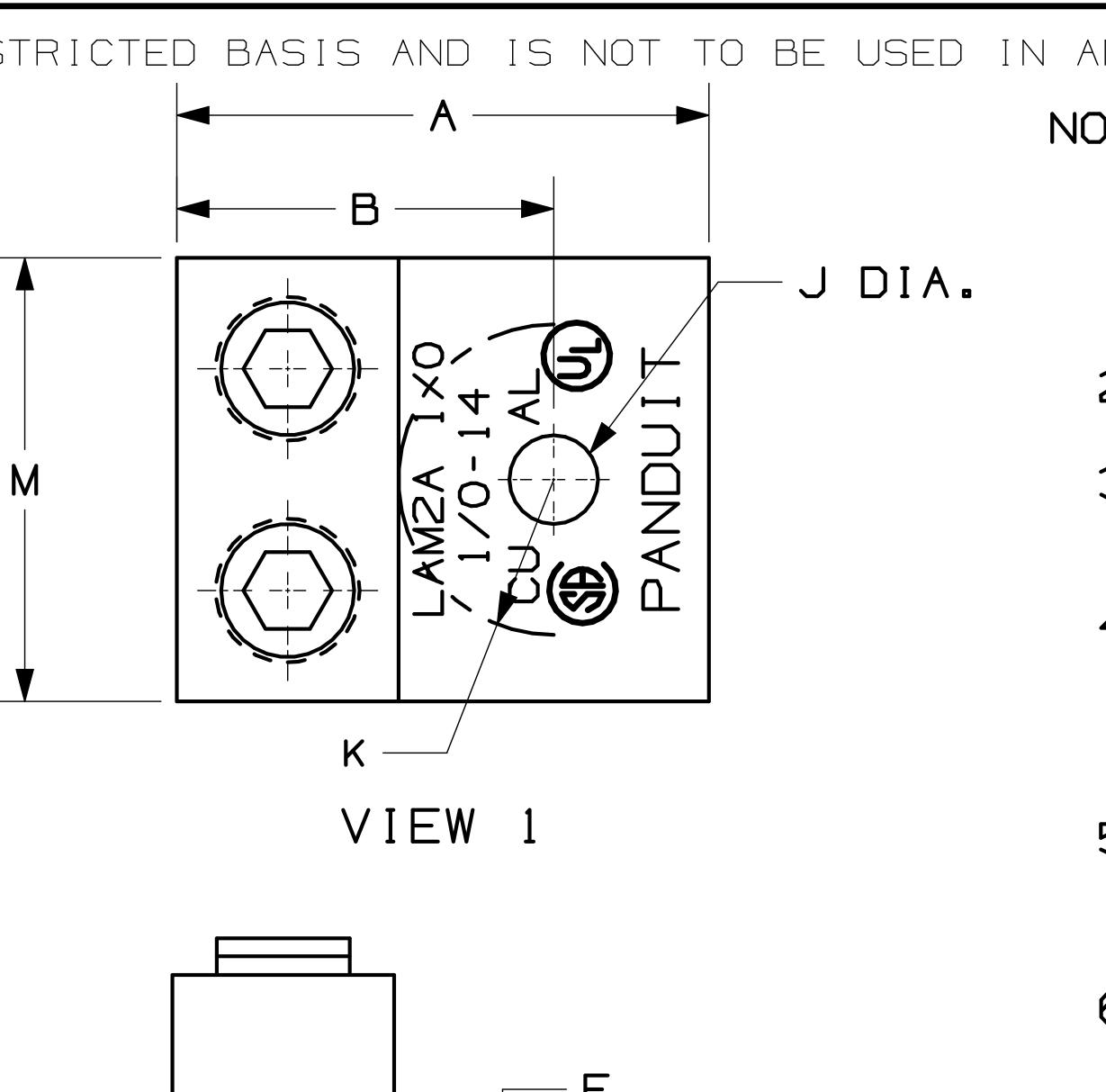
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|                             |      |      |      |      |      |             |             |             |      |             | HEX         | K                    |                          |      |       |
|-----------------------------|------|------|------|------|------|-------------|-------------|-------------|------|-------------|-------------|----------------------|--------------------------|------|-------|
| PART NUMBER                 | VIEW | A    | В    | М    | W    | Ε           | G           | L           | Н    | Ι           | J           | WIRE STRIP<br>LENGTH | APPLICABLE<br>WIRE RANGE |      | MÁX . |
| LAM2A1/0-14-6Y              | 1    | 1.47 | 1.03 | 1.12 | 1.12 | .19         | <b>.</b> 27 | <b>.</b> 60 | .81  | <b>.</b> 44 | <b>.</b> 28 | <b>.</b> 62          | 1/0-14                   | NA   | . 41  |
| **LAM2A2/0-14-6Y            | 1    | 1.47 | 1.03 | 1.20 | 1.20 | .19         | .29         | .63         | .81  | .44         | .28         | <b>.</b> 62          | 2/0-14                   | NA   | . 41  |
| LAM2A250-38-6Y              | 1    | 2.56 | 1.94 | 1.62 | 1.50 | <b>.</b> 25 | .39         | .85         | 1.19 | .67         | <b>.</b> 41 | 1.00                 | 250kcmil-6               | 3/8  | .94   |
| LAM2A350-12-6Y              | 1    | 2.88 | 2.31 | 1.94 | 1.75 | <b>.</b> 25 | .47         | 1.00        | 1.25 | .70         | <b>.</b> 53 | 1.12                 | 350kcmil-6               | 1/2  | 1.19  |
| LAM2A600-12-6Y              | 1    | 3.13 | 2.50 | 2.38 | 2.00 | <b>.</b> 44 | <b>.</b> 58 | 1.23        | 1.56 | .89         | <b>.</b> 53 | 1.38                 | 600kcmil-4               | 1/2  | 1.12  |
| LAM2A800-58-6Y              | 1    | 3.50 | 2.81 | 2.81 | 2.81 | <b>.</b> 50 | .67         | 1.47        | 1.69 | .91         | .66         | 1.50                 | 800-350kcmil             | 7/16 | 1.31  |
| *LAM2A1000-58-6Y            | 1    | 3.50 | 2.81 | 2.87 | 2.87 | <b>.</b> 50 | .67         | 1.47        | 1.69 | .91         | .66         | 1.50                 | 1000-500kcmil            | 3/8  | 1.31  |
| NO C.S.A.<br>No ul or c.s.a |      |      |      |      |      |             |             |             |      |             |             |                      |                          |      |       |

|     |      | -    | -   |                                   |         |      |
|-----|------|------|-----|-----------------------------------|---------|------|
|     |      |      |     |                                   |         |      |
|     |      |      |     |                                   |         |      |
|     |      |      |     |                                   |         |      |
| 01  | 3/06 | JHNU | LEM | REVISED RoHS NOTE                 | PC00334 |      |
| 00  | 2/06 | JHNU | LEM | DRAWING RELEASED - ROHS COMPLIANT | PC00299 |      |
| REV | DATE | ΒY   | СНК | DESCRIPTION                       | ECN #   | CUST |



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THIS COPY IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTERESTS OF PANDUIT CORP.

NOTES:

- 1. UL LISTED AND C.S.A. CERTIFIED, RATED TO 90°C. EXCEPTIONS INDICATED BY \*, \*\*.
- 2. FOR COPPER AND ALUMINUM STRANDED WIRE.
- 3. IF HEX KEY IS NOT GIVEN, FLAT HEAD SCREW IS USED.
- 4. CONNECTOR BODY MATERIAL: 6061-T6 ALUMINUM TIN PLATED. SCREW MATERIAL: 2011-T3 TIN PLATED.
- 5. USE OF PANDUIT CMP JOINT COMPOUND RECOMMENDED TO PREVENT OXIDATION OF CONNECTORS.
- 6. THIS PART IS ROHS COMPLIANT.





|   |    |                  |        | C4155        |
|---|----|------------------|--------|--------------|
|   |    |                  |        |              |
|   |    |                  | NUUUU  | CORP         |
|   |    |                  | SERIES |              |
|   |    |                  |        |              |
| Т | PM | drawn by<br>JHNU | CHK 'D | scale<br>N/A |

57\_01

TINLEY PARK, ILLINOIS

## UM MECH. LUG

DRAWING NO. C41557