NOTES: UNLESS OTHERWISE SPECIFIED

1. CONNECTOR NAMES AND PART NUMBERS:
   - CONNECTOR ORDER PART NUMBER: 5301-07830-00104
   - MODULE INCLUDES:
     - INSULATOR FLOAT MOUNT HOUSING
     - CONNECTIONS EACH WITH (3) 8 AWG HIGH FLEX 300V WIRES
     - HALOGEN-FREE CABLE JACKET

2. CONNECTOR MATERIALS:
   - CONNECTOR INSULATOR: THERMOPLASTIC, UL 94 V-0 HALOGEN-FREE
   - CONTACTS: COPPER ALLOY

3. FINISHES:
   - CONTACT INTERFACE: SILVER PLATE OVER NICKEL UNDER PLATE

4. REFERENCE DIMENSIONS IN PARENTHESIS (XXX) ARE WITHOUT TOLERANCE AND USED FOR INFORMATION ONLY.

5. OPERATIONAL CONDITIONS:
   - CONNECTOR HOUSING LEAD-IN GATHERING OF 3 MM OFF CENTERLINE PERPENDICULAR TO MATING BUS.
   - CONNECTOR HOUSING FLOAT ±3 MM PERPENDICULAR TO MATING BUS AND ±3 MM PARALLEL TO MATING BUS WHEN MOUNTED USING PANEL CUTOUT SHOWN ON SHEET 3.
   - MATING BUS LAYOUT & MATING DEPTH - SEE SHEET 3.
   - CONNECTOR MATING (SLIDING) FORCES LESS THAN 49 N [5 KGF].

CONNECTOR ASSEMBLY ORDER PART NUMBER: 5301-07830-00104

3 MM BUS CONNECTOR
2-POLE / 3MM BUS CONNECTIONS EACH WITH (3) HIGH FLEX 8 AWG CABLES
SHOWN PANEL MOUNTED
ALTERNATIVE CABLE TERMINATIONS

CONTACT METHODE SALES FOR ADDITIONAL INFORMATION
REGARDING ALTERNATE CABLE GAUGES, LENGTHS AND TERMINATIONS

BLADE CONNECTOR TERMINATION SHOWN

FUSION-LUG TERMINATION SHOWN

CRIMP-LUG TERMINATION SHOWN

ALTERNATIVE CABLE TERMINATIONS

CONTACT METHODE SALES FOR ADDITIONAL INFORMATION
REGARDING ALTERNATE CABLE GAUGES, LENGTHS AND TERMINATIONS

METHODE ELECTRONICS, INC.
POWER SOLUTIONS GROUP
2025 Gateway Pl. #235, San Jose, CA 95110  (408) 453-9500

TITLE:
USER DRAWING, V2 OCP / RPS CONNECTOR
2-POLE / 3 MM BUS CONNECTOR
(3) POWERFLEX 8 AWG CABLES

DRAWING NUMBER:
C5301-07830-00104

REV:
A

DIMENSIONS ARE IN MILLIMETERS

TOLERANCES ARE:
X.X ± 0.2
X.XX ± 0.06
X.XXX ± 0.013

SURFACE FINISH: N/A

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SCALE: 1:1

FILE NAME: BLADE CONNECTOR TERMINATION SHOWN
FUSION-LUG TERMINATION SHOWN
CRIMP-LUG TERMINATION SHOWN

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