1. Design - Materials:
   a. Shroud (Plastic Housing): SPS 30% GF, 20% REGRIND MAX PER WEIGHT
   b. Blades:
      - Base Metal: C260 Brass
      - Plating Requirements:
        - TIN OVER NICKEL
        - UNEEPLATING
        - OVERALL NICKEL
        - OVERPLATING
        - OVERALL TIN

2. Design - Geometry:
   a. This is a 100% CAD generated part. The CAD mathematical data is the master for this part. For dimensional or any information not shown on this drawing, analyze the CAD model.
   b. Geometric Dimensions and Tolerances per ASME Y14.5M - 2009
   c. General Tolerances: see title block
   d. Edges and Undimensioned Details per ISO13715
   e. Corners shown as sharp to be R 0.1 MAX
   f. Lettering shall be 0.10 MAX raised. This includes recycling code, plant and cavity ID, vendor ID, and circuit ID.

3. Design - Inspection:
   a. This drawing contains information that is proprietary to Molex Electronic Technologies, LLC and should not be used without written permission.

4. Notes:
   Valid unless otherwise specified:
   a. Application Specification: See AS-34791-020
   b. Product Specification: See PS-34791-020
   c. Packaging Specification: per Molex Drawing - see chart
   d. Solubility per MS5197
   e. Parts must be in compliance to Molex Chemical Substances for products and packaging specification: DEHS-66000-300
   f. Data must be submitted under the Molex part number to INDS (Company DH31200
   g. Flammability Requirement: per ISO7239 or GMA019
   h. Visual defects shall meet cosmetic standard PS-42598-002 (Class B)

5. Drawings:
   - 12 Circuit Vertical USCAR Header Polarization Option A
   - 12 Circuit Vertical USCAR Header Polarization Option B
   - 12 Circuit Vertical USCAR Header Polarization Option C
   - 16 Circuit Vertical Header Polarization Option A
   - 16 Circuit Vertical Header Polarization Option B
   - 16 Circuit Vertical Header Polarization Option C
   - 20 Circuit Vertical Header Polarization Option A
   - 20 Circuit Vertical Header Polarization Option B
   - 20 Circuit Vertical Header Polarization Option C
   - 24 Circuit Vertical Header Polarization Option A
   - 24 Circuit Vertical Header Polarization Option B
   - 24 Circuit Vertical Header Polarization Option C
### MINI 50 VERTICAL HEADER ASSEMBLIES

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<th>MATERIAL NUMBER TUBE PACKAGING</th>
<th>MATERIAL NUMBER TRAY PACKAGING</th>
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