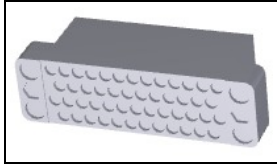


## 201358-1 Product Details



**201358-1**

TE Internal Number: 201358-1



### M Series Connectors

 Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Product Series = M Series
- Connector
- Cable-to-Cable / Cable-to-Panel
- Applies To Panel, Applies To Wire/Cable
- Housing

### Documentation & Additional Information

#### Product Drawings:

- [BLOCK, MALE, 50 POSN, MINIATURE RECTANGULAR, M SERIES](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- [M\\_SERIES\\_PIN\\_AND\\_SOCKET\\_CONNECTORS](#) (PDF, English)

#### Product Specifications:

- None Available

#### Application Specifications:

- None Available

#### Instruction Sheets:

- [AMP\\* 20 HVC, 34 AND 50 POSITION SERIES "M" CONNECTOR](#) (PDF, English)
- [LATCHING SHIELD AND PIN HOOD FOR 50 POSITION "M" S...](#) (PDF, English)

#### CAD Files: (CAD Format & Compression Information)

- [2D Drawing](#) (DXF, Version T)
- [3D Model](#) (IGES, Version T)
- [3D Model](#) (STEP, Version T)

#### Additional Information:

- [Product Line Information](#)

#### Related Products:

- [Tooling](#)

### Product Features (Please use the Product Drawing for all design activity)

#### Product Type Features:

- Product Series = M Series
- Product Type = Connector
- Connector Type = Housing
- Strain Relief = Without
- Sealed = No

#### Mechanical Attachment:

- Mating Retention Type = Jackscrew(s)
- Panel Mount Retention = With
- Panel Mount Retention Type = Screw Mount

#### Dimensions:

- Length (X-Axis) (mm [in]) = 23.24 [0.915]
- Width (Z-Axis) (mm [in]) = 19.05 [0.750]
- Profile Height (Y-Axis) (mm [in]) = 65.91 [2.595]

#### Body Features:

- Mating Retention = With

#### Contact Features:

- Contact Type = Pin

#### Housing Features:

- Connector Style = Plug
- Centerline (mm [in]) = 4.57 [0.180]
- [Housing Material](#) = Phenolic - GF
- Housing Color = Black
- Mating Alignment = With
- Mating Alignment Type = Guide Hole
- UL Flammability Rating = UL 94V-0

#### Configuration Features:

- Number of Positions = 50

#### Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 260°C, Wave solder capable to 240°C, Wave solder capable to 265°C
- [RoHS/ELV Compliance History](#) = Always was RoHS compliant

#### Environmental:

- Operating Temperature (°C [°F]) = -55 - +150 [-67 - +302]

#### Conditions for Usage:

- Applies To = Panel, Wire/Cable
- For Use With = Female Block 200277

#### Operation/Application:

- Application Use = Cable-to-Cable / Cable-to-Panel

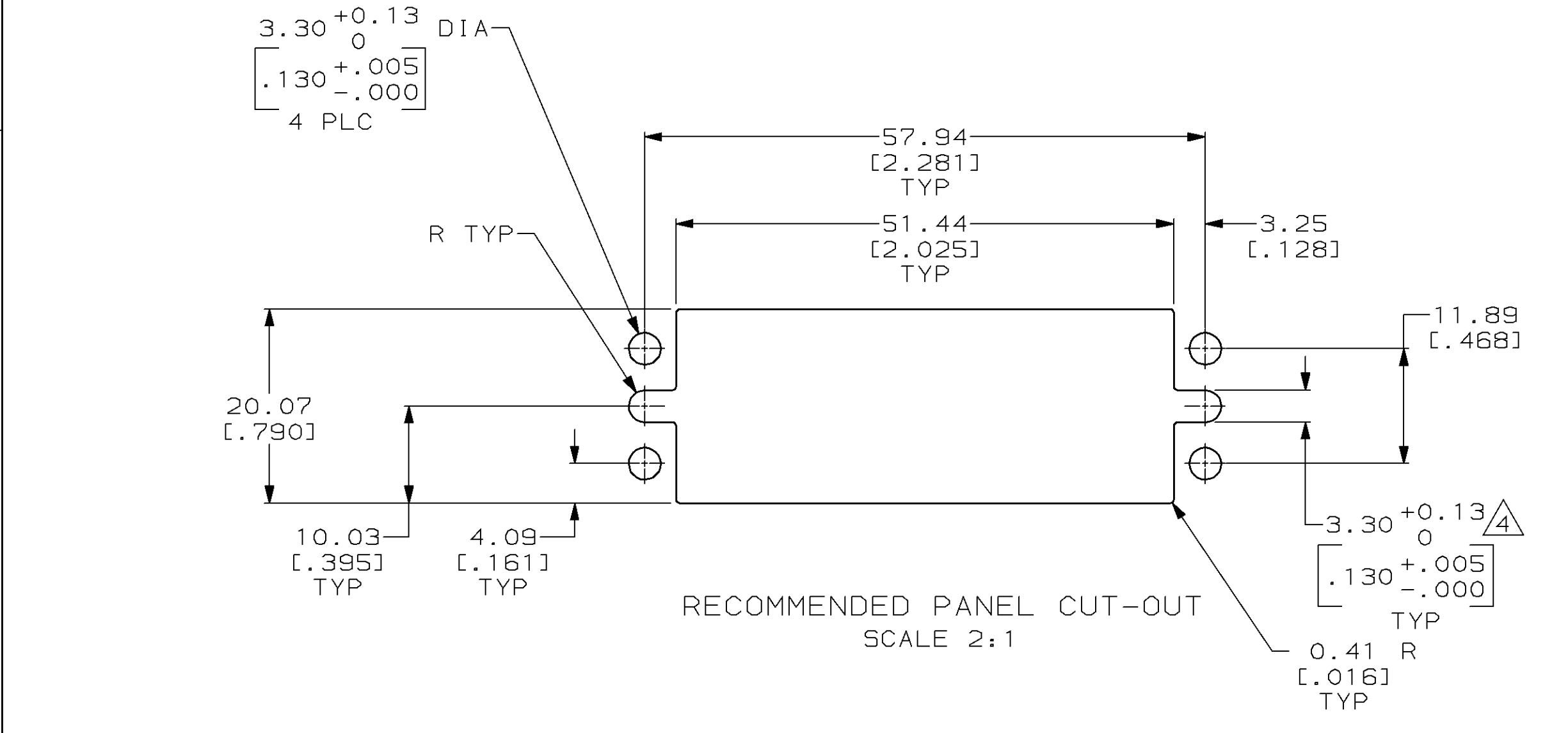
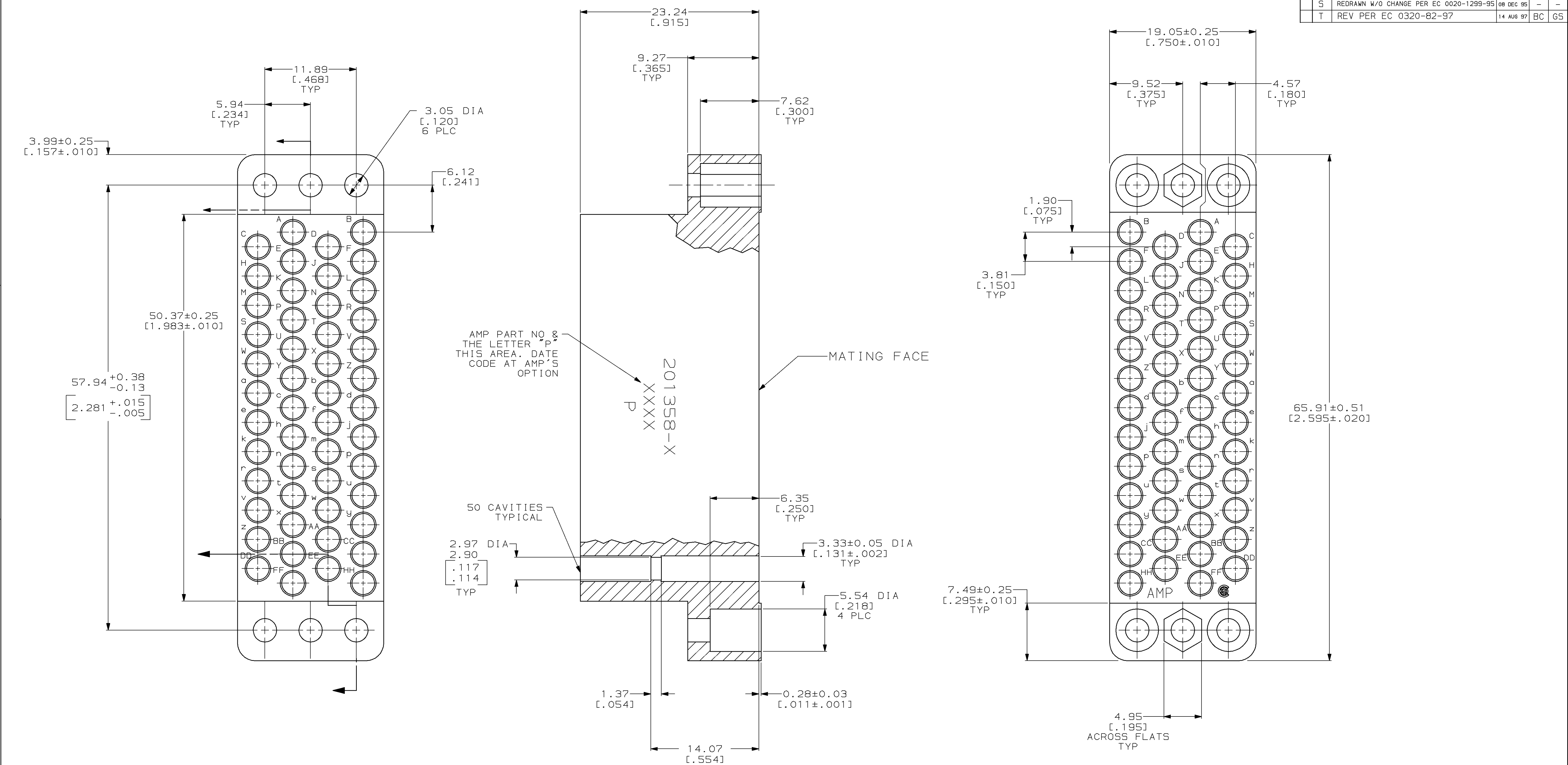
#### Packaging Features:

- Packaging Method = Carton
- Packaging Quantity = 70

#### Other:

- Brand = AMP
- Comment = Pins and/or sockets may be used in any housing.; Housing accepts type II, type III+ and Subminiature Coaxicon contacts.; Housing cavity identification are mirror image.

| LOC |     | DIST                                   |           | REVISIONS |      |  |  |
|-----|-----|--|-----------|-----------|------|--|--|
| P   | LTR | DESCRIPTION                            | DATE      | OWN       | APVD |  |  |
| S   |     | REDRAWN W/O CHANGE PER EC 0020-1299-95 | 08 DEC 95 | -         | -    |  |  |
| T   |     | REV PER EC 0320-82-97                  | 14 AUG 97 | BC        | GS   |  |  |



- 1 PHENOLIC PER MIL-M-14, TYPE CFG, BLACK.
- 2 DIALLYL PHTHALATE PER MIL-M-14, TYPE SDG-F, BLUE.
- 3. MATES WITH BLOCK 200277 AND ACCOMODATES TYPE II OR TYPE III #16 PIN OR SOCKET CONTACTS.
- 4 5.54 +0.13 / 0 -0.005 [0.218 ±0.005] WHEN USING JACKSCREWS.

|          |             |
|----------|-------------|
| 201358-3 |             |
| 201358-1 |             |
| MATERIAL | PART NUMBER |

|   |  |  |                   |                         |  |
|---|--|--|-------------------|-------------------------|--|
| <small>THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP TECHNOLOGIES. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHALL BE CONTACTED FOR THE LATEST REVISION.</small> |  | DWN<br>C. REIFSNYDER<br>13 MAR 96          | DATE<br>24 JUN 96 | NAME<br>G.A. STEINHAUER | AMP<br>AMP Incorporated<br>Harrisburg, PA 17105-3508 |
| DIMENSIONS:<br>mm (INCHES)  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±<br>1 PLC ±<br>2 PLC ±0.13 (.005)<br>3 PLC ±<br>4 PLC ±<br>ANGLES ± | PRODUCT SPEC<br>-<br>APPLICATION SPEC<br>- | SIZE<br>A1        | CAGE CODE<br>00779      | DRAWING NO<br>C-201358                               |
| MATERIAL<br>SEE TABLE   | FINISH<br>-  | WEIGHT<br>-                                | SCALE<br>4:1      | SHEET<br>1 OF 1         | REV<br>T   |