TE connectivity

Have a Question?
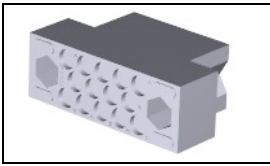Chat with a Product
Information Specialist

What can we help you find?

201298-1 Product Details

Share   Print   Email

201298-1

TE Internal Number: 201298-1

✓ Active

📄 View 3D PDF

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

View all Features

Add to My Part List   Request Sample   Find Similar Products   Buy Product

┌─ **Quick Links** ──────────────────┐
│ ▶ Pricing & Availability   │
│ ▶ Search for Tooling   │
│ ▶ Product Feature Selector   │
│ ▶ Contact Us About This Product   │
└────────────────────────────────────┘

Documentation & Additional Information

Product Drawings:
- BLOCK, FEMALE, 14 PLACE. 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 14 Position Series ''M'' -SM & ''M'' -DM Connectors (PDF, English)
- AMP* 6, 14, 20 AND 41 POSITION SERIES ''M'' CONNECTORS (PDF, English)

CAD Files: (CAD Format & Compression Information)
- 2D Drawing (DXF, Version S)
- 3D Model (IGES, Version S)
- 3D Model (STEP, Version S)

Additional Information:
- Product Line Information

Related Products:
- Tooling

List all Documents

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:
- 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]) = 11.18 [0.440]
- Profile Height (Y-Axis) (mm [in]) = 31.75 [1.250]

Body Features:
- Mating Retention = Without

Contact Features:
- Contact Type = Socket

Housing Features:
- Connector Style = Receptacle
- Centerline (mm [in]) = 3.30 [0.129]
- Housing Material = Phenolic - GF
- Housing Color = Black
- Mating Alignment = Without
- UL Flammability Rating = UL 94V-0

Configuration Features:
- Number of Positions = 14

Industry Standards:
- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Wave solder capable to 240°C, Wave solder capable to 260°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 = Plug Block

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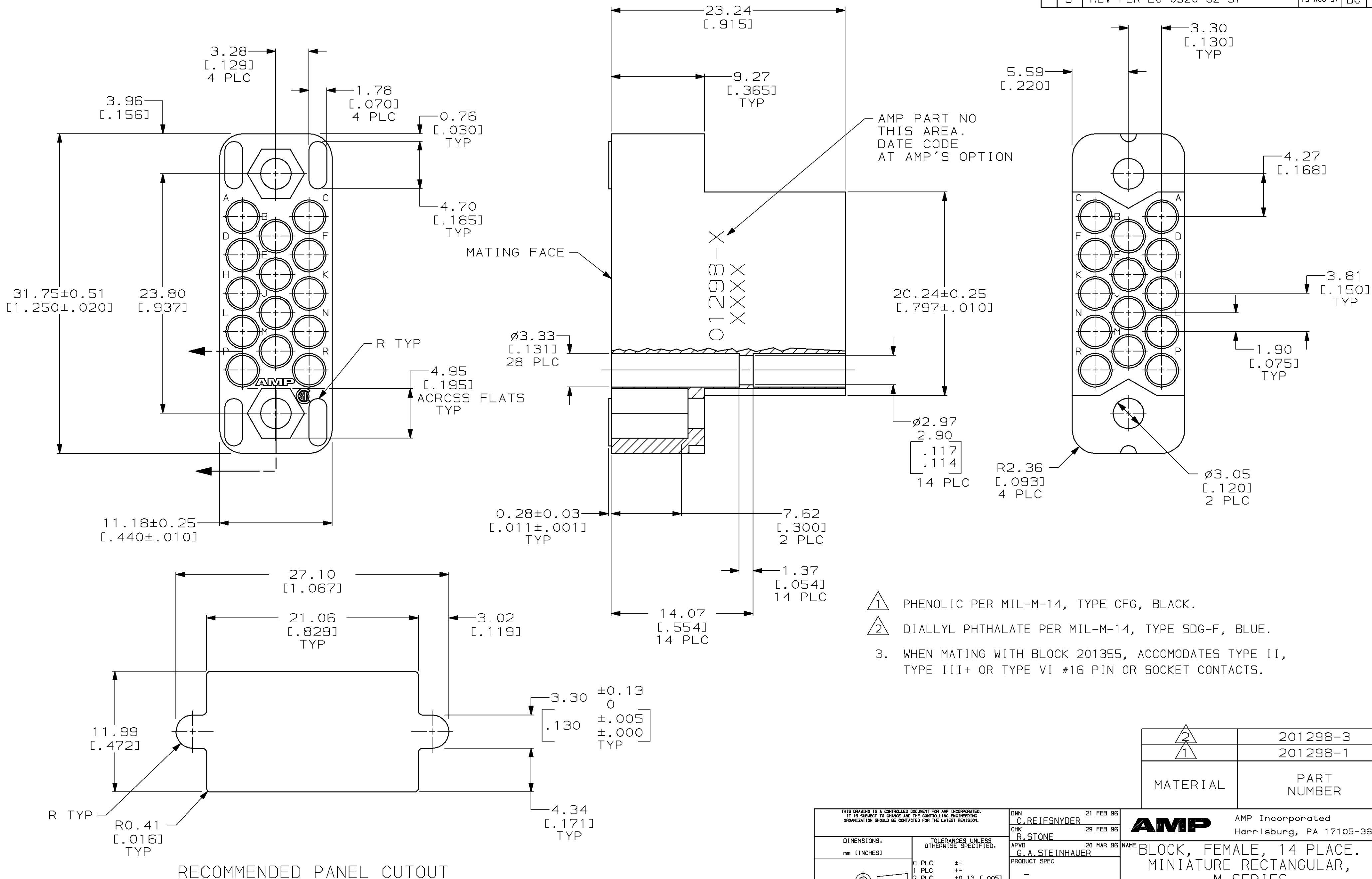- Application Use = Cable-to-Cable / Cable-to-Panel

Packaging Features:
- Packaging Method = Carton
- Packaging Quantity = 261

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

LOC	DIST	REVISIONS				
FT	8	P	LTR	DESCRIPTION	DATE	DWN	APVD
			R	REDRAWN W/O CHANGE PER EC 0020-1300-95	21 FEB 96	–	–
			S	REV PER EC 0320-82-97	13 AUG 97	BC	GS

23.24
[.915]

9.27
[.365]
TYP

3.30
[.130]
TYP

5.59
[.220]

3.28
[.129]
4 PLC

1.78
[.070]
4 PLC

0.76
[.030]
TYP

3.96
[.156]

4.70
[.185]
TYP

AMP PART NO
THIS AREA.
DATE CODE
AT AMP'S OPTION

4.27
[.168]

O1298-X
XXXXX

MATING FACE

20.24±0.25
[.797±.010]

3.81
[.150]
TYP

31.75±0.51
[1.250±.020]

23.80
[.937]

Ø3.33
[.131]
28 PLC

1.90
[.075]
TYP

R TYP

4.95
[.195]
ACROSS FLATS
TYP

Ø2.97
2.90
.117
.114
14 PLC

R2.36
[.093]
4 PLC

Ø3.05
[.120]
2 PLC

11.18±0.25
[.440±.010]

0.28±0.03
[.011±.001]
TYP

7.62
[.300]
2 PLC

1.37
[.054]
14 PLC

27.10
[1.067]

14.07
[.554]
14 PLC

⚠1 PHENOLIC PER MIL-M-14, TYPE CFG, BLACK.

⚠2 DIALLYL PHTHALATE PER MIL-M-14, TYPE SDG-F, BLUE.

3. WHEN MATING WITH BLOCK 201355, ACCOMODATES TYPE II,
TYPE III+ OR TYPE VI #16 PIN OR SOCKET CONTACTS.

21.06
[.829]
TYP

3.02
[.119]

11.99
[.472]

3.30   ±0.13
        0
.130   ±.005
        ±.000
        TYP

R TYP
R0.41
[.016]
TYP

4.34
[.171]
TYP

RECOMMENDED PANEL CUTOUT

	⚠2		201298-3
	⚠1		201298-1
MATERIAL			PART NUMBER

DIMENSIONS:
mm [INCHES]

TOLERANCES UNLESS
OTHERWISE SPECIFIED:
0 PLC   ±-
1 PLC   ±-
2 PLC   ±0.13 [.005]
3 PLC   ±-
4 PLC   ±-
ANGLES   ±-

MATERIAL   SEE TABLE

DWN   21 FEB 96
C.REIFSNYDER
CHK   29 FEB 96
R.STONE
APVD   20 MAR 96
G.A.STEINHAUER
PRODUCT SPEC
–
APPLICATION SPEC
–
FINISH   –
WEIGHT   –

AMP
AMP Incorporated
Harrisburg, PA 17105-3608

NAME
BLOCK, FEMALE, 14 PLACE.
MINIATURE RECTANGULAR,
M SERIES

SIZE   CAGE CODE   DRAWING NO
A2   00779   C-201298

CUSTOMER DRAWING

SCALE   4:1   SHEET   1 OF 1   REV   S

201298