This browser does not have Java enabled.

**TE connectivity**

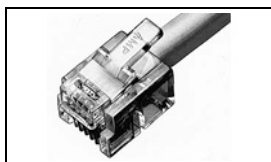🛒 My Cart | My Part Lists | Sign In/Register          **English** (Change)

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# 5-557315-3 Product Details

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### 5-557315-3

TE Internal Number: 5-557315-3

✔ Active

📄 View 3D PDF

## Modular Plugs and Accessories

🍃 Always EU RoHS/ELV Compliant (Statement of Compliance)

**Product Highlights:**
- Connector
- Performance Category = Cat 5
- 8 Contacts Loaded
- Not Shielded
- Conductor Type = Solid

View all Features

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

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

---

## Documentation & Additional Information

**Product Drawings:**
- MODULAR PLUG ASSEMBLY, 8 POSITION, SOLID WIRE, ROUND... (PDF, English)

**Catalog Pages/Data Sheets:**
- None Available

**Product Specifications:**
- None Available

**Application Specifications:**
- Modular Plug Connectors (Standard and Small Conductor) (PDF, English)

**Instruction Sheets:**
- None Available

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

**Additional Information:**
- Product Line Information

**Related Products:**
- Tooling

List all Documents

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

**Product Type Features:**
- Product Type = Connector
- Performance Category = Cat 5
- Cable Style = Round
- Latch Style = Standard
- Keyed = No
- Small Conductor = No

**Electrical Characteristics:**
- Shielded = No

**Termination Features:**
- Solder Tail Contact Plating = Gold Flash over Nickel

**Dimensions:**
- Cable Diameter Range (mm [in]) = 5.08 [0.200]
- Conductor Insulation Diameter (mm [in]) = 0.74 – 0.99 [0.029 – 0.039]
- Conductor Outer Diameter (mm [in]) = 0.74 – 0.99 [0.029 – 0.039]

**Body Features:**
- Conductor Type = Solid
- Body Size = Long

**Contact Features:**
- Contact Base Material = Phosphor Bronze
- Contact Plating, Mating Area, Material = Gold (50)

**Housing Features:**
- Connector Style = Plug - Modular
- Housing Material = Polycarbonate GF
- UL Flammability Rating = UL 94V-2

**Configuration Features:**
- Number of Contacts Loaded = 8
- Number of Positions = 8
- Conductor (Wire) Size = 24 - 26 AWG

**Industry Standards:**
- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

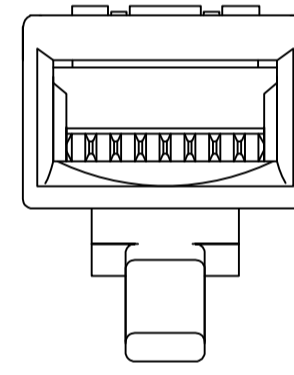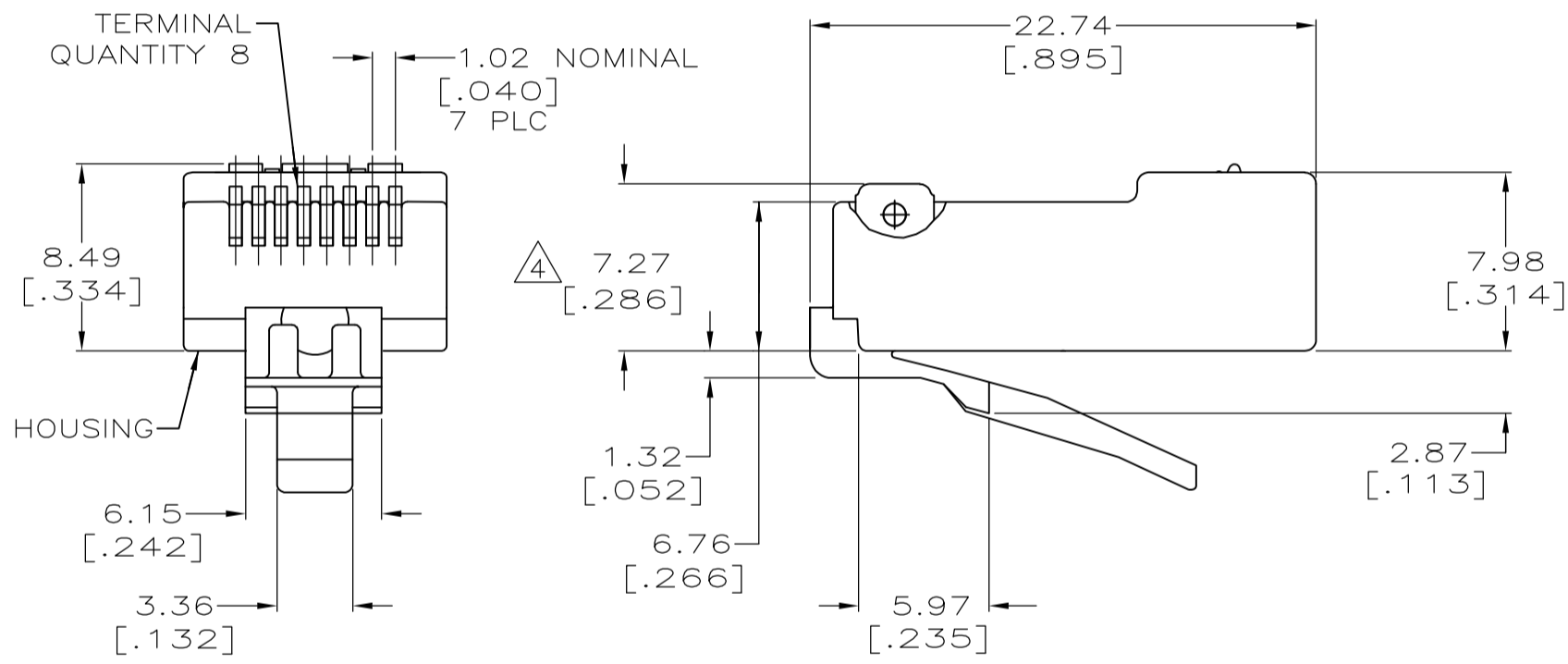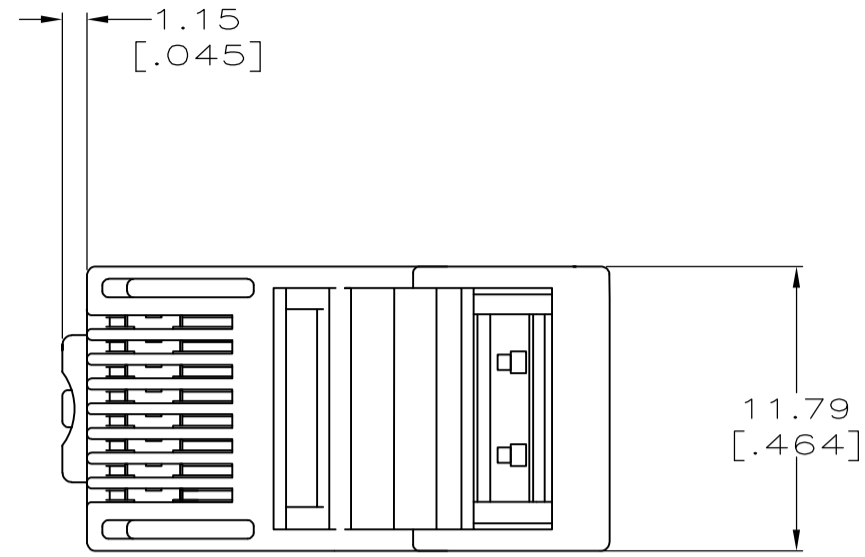**Packaging Features:**
- Packaging Method = Box
- Qty./Box = 100

**Product Availability:**
- Region = Asia, EMEA, North America, Latin America, Australia/New Zealand

**Other:**
- Brand = AMP

| | | REVISIONS | | | |
|---|---|---|---|---|---|
| LOC HM | DIST 00 | | | | |
| | P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | | F | REVISED PER ECO-12-012703 | 11JUL12 | GG | JG |

1.15 [.045]

11.79 [.464]

△1 DIMENSIONS ARE MAXIMUM UNLESS OTHERWISE SPECIFIED.

△2 MATERIAL: HOUSING—POLYCARBONATE, CLEAR.

TERMINAL—PHOSPHER BRONZE, PLATED WITH 1.27μm [.000050] MINIMUM THICK GOLD IN LOCALIZED GOLD PLATE AREA OVER 2.54μm [.000100] MINIMUM THICK NICKEL UNDERPLATE.

3. PLUG WILL ACCEPT 26 OR 24 AWG SOLID WIRE, 0.74-0.99 [.029-.039] DIAMETER, WITH A 5.08 [.200] DIAMETER JACKET.

△4 TERMINATED DIMENSION 6.15 [.242] MAXIMUM.

△5 10,000 LOOSE PIECES PER PACKAGE.

△6 500 LOOSE PIECES PER PACKAGE.

△7 100 ASSEMBLIES PER PACKAGE.

TERMINAL QUANTITY 8

1.02 NOMINAL [.040] 7 PLC

8.49 [.334]

HOUSING

6.15 [.242]

3.36 [.132]

△4 7.27 [.286]

1.32 [.052]

6.76 [.266]

5.97 [.235]

22.74 [.895]

7.98 [.314]

2.87 [.113]

557315

| | △7 | 5-557315-3 |
|---|---|---|
| | △6 | 5-557315-2 |
| | △5 | 5-557315-1 |
| PACKAGED | | PART NO |

| DWN D. DRUMMOND | 4-26-91 |
| CHK M. MAYBERRY | 4-6-92 |
| APVD LAURER/MCGRATH | 10-5-94 |

**TE** TE Connectivity

NAME
MODULAR PLUG ASSEMBLY,
8 POSITION,
SOLID WIRE, ROUND CABLE

DIMENSIONS: mm[INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

| 0 PLC | ± − |
| 1 PLC | ± − △1 |
| 2 PLC | ± − |
| 3 PLC | ± − |
| 4 PLC | ± − |
| ANGLES | ± − |

PRODUCT SPEC 108-1163
APPLICATION SPEC 114-6016

MATERIAL − △2
FINISH − △2
WEIGHT −

| SIZE A2 | CAGE CODE 00779 | DRAWING NO C−557315 | RESTRICTED TO − |

CUSTOMER DRAWING

SCALE 4:1   SHEET 1 OF 1   REV F

1471-9 (3/11)