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## 1658656-1 Product Details

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1658656-1

TE Internal Number: 1658656-1

Active

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### Standard Cable Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Connector
- Product Series = HDP-20 (Crimp Snap)
- 15 Positions
- With Enclosure
- Shielded

View all Features

### Quick Links

- ▶ Pricing & Availability
- ▶ Search for Tooling
- ▶ View Mating Products (8)
- ▶ View Receptacle Kits (3)
- ▶ Product Feature Selector
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### Documentation & Additional Information

#### Product Drawings:

- BULK KIT, RECEPTACLE, SHIELDING ENCLOSURE, 15 POSN, ... (PDF, English)

#### Catalog Pages/Data Sheets:

- AMPLIMITE Subminiature D Connectors - Cable Connectors (PDF, English)

#### Product Specifications:

- AMPLIMITE HDP-20 Subminiature D Connector With F Cri... (PDF, English)

#### Application Specifications:

- AMPLIMITE HDP-20 and Economy Crimp Snap Subminiature... (PDF, English)

#### Instruction Sheets:

- Shielding Hardware Kits w/AMPLIMITE hde-20 hdp-20 an... (PDF, English)
- Shielding Hardware Enclosure Kits with AMPLIMITE\* HD... (PDF, English)
- Insertion/Extraction Tool 91285-1 and Replacement Ti... (PDF, English)

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

- 2D Drawing (DXF, Version 0)
- 3D Model (IGES, Version 0)
- 3D Model (STEP, Version 0)

List all Documents

#### Additional Information:

- Product Line Information

#### Related Products:

- Tooling
- Mating Products (8)
- Receptacle Kits (3)

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

#### Product Type Features:

- Product Type = Connector
- Product Series = HDP-20 (Crimp Snap)
- Mating Connector Lock = With
- Mating Connector Lock Type = Jackscrews
- Shell Size = 2
- Shell Type = Full Metal Shell
- Grounding Indents = Without
- Grade = Standard
- Enclosure Material = PVC
- Color = Electrodeposited Polyurethane, Black
- Shell Material = Steel
- Shield Material = Steel

#### Electrical Characteristics:

- Shielded = Yes

#### Dimensions:

- Cable Insulation Diameter (mm [in]) = 4.83 - 9.53 [0.190 - 0.375]
- Cable Diameter (Max.) (mm [in]) = 8.89 [0.350]

#### Body Features:

- Jackscrew Material = Zinc Alloy
- Shell Plating = Tin over Copper
- Shield Plating = Tin
- Insert Material = Thermoplastic

#### Contact Features:

- Contact Size = 20

#### Housing Features:

- Enclosure = With
- Connector Style = Receptacle
- Housing Material = Nylon
- UL Flammability Rating = UL 94V-0
- Housing Color = Black

#### Configuration Features:

- Number of Positions = 15
- Preloaded = No
- Pre-Assembled = No

#### 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
- Insert Flammability Rating = UL 94V-0

#### Packaging Features:

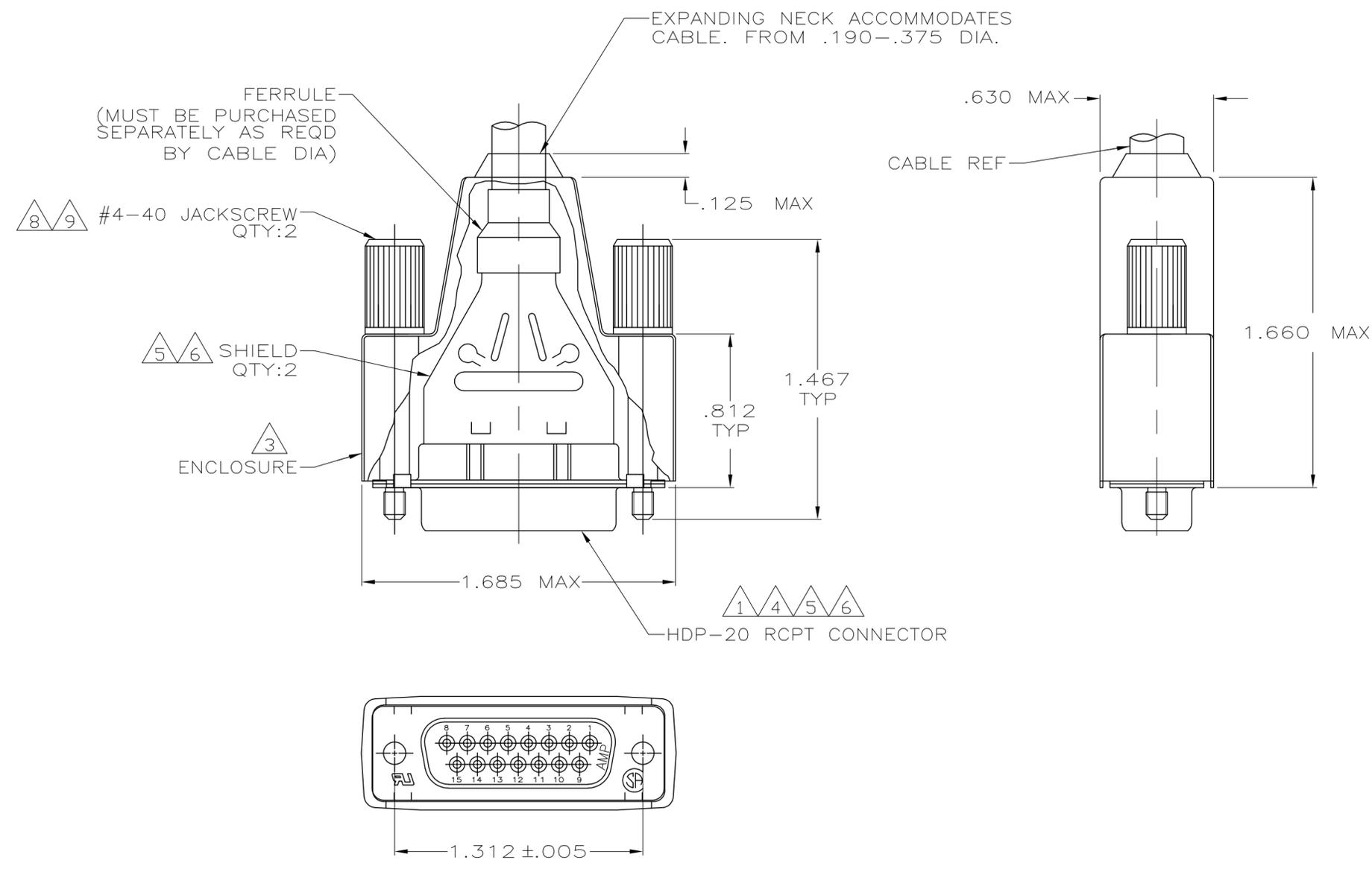
- Packaging Method = Bulk
- Packaging Quantity = 100

#### Other:

- Brand = AMP
- Comment = Receptacles accept size 20 DF socket contacts.; Maximum cable diameter after jacket and braid removed.; There is a maximum Cable O.D. of 9.02 [.355] for Shielding Enclosure Expansion Tool 58241-4.

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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	A	REVISED PER ECO-11-006475	18OCT2011	CJV/CWR



- ① RCPT ACCEPTS SIZE 20 DF SOCKET CONTACTS. CONTACTS MUST BE PURCHASED SEPARATELY.
- 2. ALL PARTS SHIPPED UNASSEMBLED.
- ③ FLAME RETARDANT 94V-0 RATED, STYRENE POLYOLEFIN OR PVC, BLACK.
- ④ FLAME RETARDANT 94V-0 RATED GLASS FILLED, NYLON OR POLYESTER, BLACK.
- ⑤ STEEL PER ASTM A109.
- ⑥ .000200 MIN TIN PLATE OVER .000100 MIN COPPER UNDERPLATE.
- ⑦ COMPONENTS INDIVIDUALLY BULK PACKED.
- ⑧ ZINC ALLOY.
- ⑨ ELECTRODEPOSITED POLYURETHANE, BLACK.

⑦	w/ LOGOS	1658656-1
PACKAGING	REMARKS	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	J.REITZEL	31JUL03		TE Connectivity		
DIMENSIONS: INCHES		CHK	S.BOLASH	31JUL03		NAME		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	M.WALMSLEY	31JUL03		PRODUCT SPEC		
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .020 4 PLC ± - ANGLES ± - FINISH		APPLICATION SPEC		108-40030				
MATERIAL		WEIGHT		SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO
③④⑤⑧		-		A2		00779	①=1658656	-
CUSTOMER DRAWING				SCALE	2:1	SHEET	1 of 1	REV
								A

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