

1571652-6 Product Details

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1571652-6

TE Internal Number:
1571652-6

 Active

Standard Cable Connectors

 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector
- Product Series = HD-20 (Solder Cup)
- 25 Positions
- With Enclosure
- Shielded

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [BULK KIT, PLUG, AMPLIMITE SOLDER CUP SHIELDING ENCL... \(PDF, English\)](#)

Catalog Pages/Data Sheets:

- [AMPLIMITE Subminiature D Connectors - Cable Connectors \(PDF, English\)](#)

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- [AMPLIMITE Solder Cup Shielding Enclosure Kits \(PDF, English\)](#)

CAD Files:

- None Available

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(33\)](#)

[List all Documents](#)

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

Product Type Features:

- [Product Type](#) = Connector
- [Product Series](#) = HD-20 (Solder Cup)
- [Wire/Cable Type](#) = Round Jacketed Cable
- [Mating Connector Lock](#) = With
- [Mating Connector Lock Type](#) = Jackscrews
- [Shell Size](#) = 3
- [Shell Type](#) = Full Metal Shell
- [Grounding Indents](#) = With
- [Grade](#) = Standard
- [Enclosure Material](#) = PVC
- [Color](#) = Black

Termination Features:

- [Termination Method to Wire/Cable](#) = Solder

Dimensions:

- [Cable Insulation Diameter \(mm \[in\]\)](#) = 10.80

Contact Features:

- [Contact Type](#) = Pin
- [Contact Base Material](#) = Brass
- [Contact Plating, Mating Area, Material](#) = Gold Flash
- [Solder Tail Contact Plating](#) = Tin
- [Contact Size](#) = 20
- [Contact Configuration](#) = Solder Cup

Housing Features:

- [Enclosure](#) = With
- [Connector Style](#) = Plug

Configuration Features:

- [Number of Positions](#) = 25
- [Shielded](#) = Yes
- [Preloaded](#) = Yes
- [Pre-Assembled](#) = No

Industry Standards:

[0.425]

Body Features:

- [Wire Range \(mm² \[AWG\]\)](#) = 0.5 - 0.6 [20]
- Jackscrew Material = Brass
- Shell Material = Steel
- Shell Plating = Tin
- Shield Material = Steel
- Shield Plating = Tin
- Insert Material = PBT

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Hand solderable with lead free solder
- [RoHS/ELV Compliance History](#) = Always was RoHS compliant
- [Insert Flammability Rating](#) = UL 94V-0

Packaging Features:

- [Packaging Method](#) = Loose Piece/Bulk

Other:

- Brand = AMP

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Quick Links

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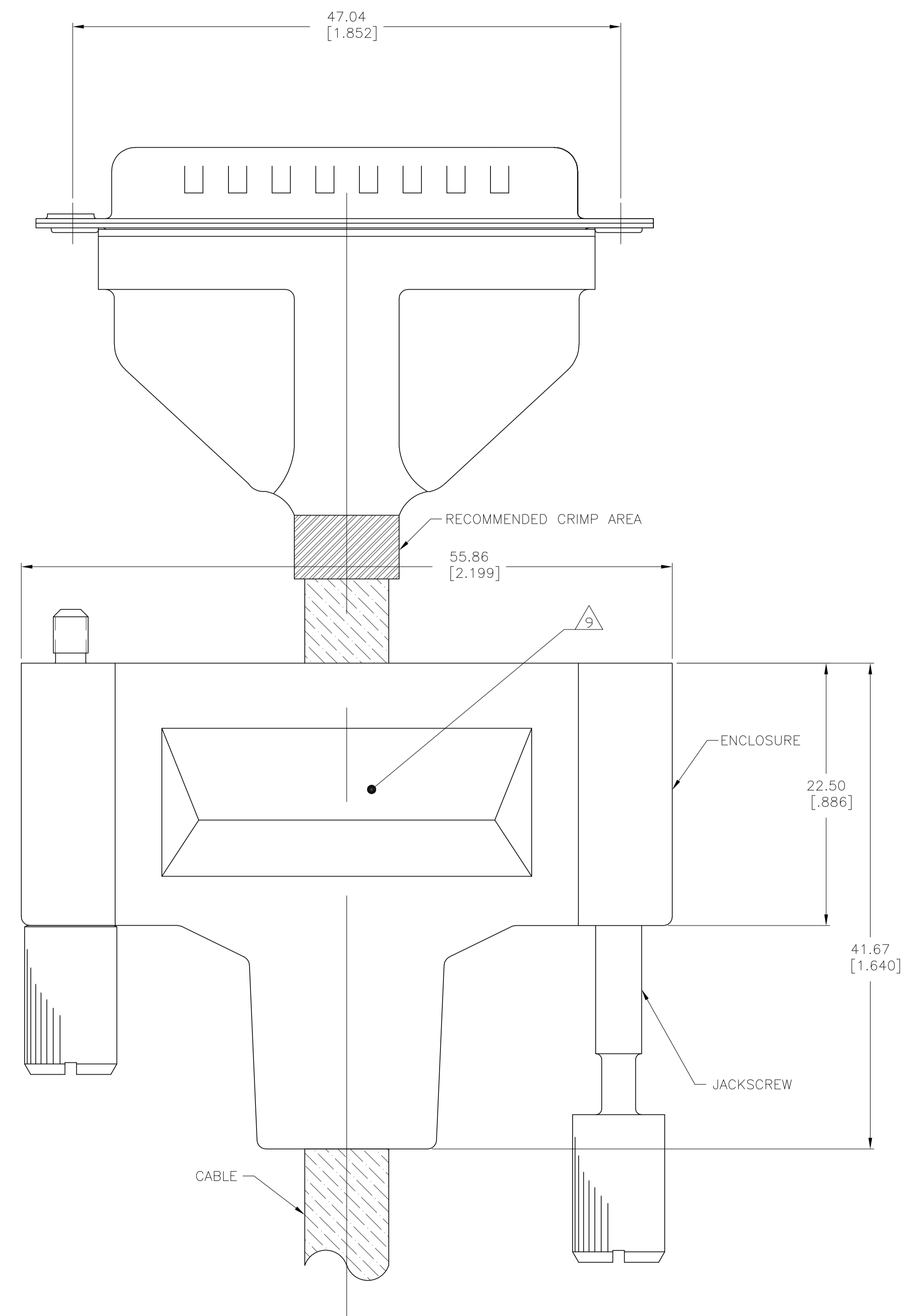
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LOC		DIST		REVISIONS			
GP	00	REV	DATE	BY	CHK	APPV	
F	REVISED PER ECO-12-003967	13APR2012	CJV	CWR			



- 1. MATERIAL
INSERT: PBT, BLACK, UL94V-0 RATED
CONTACT & JACKSCREWS: BRASS
SHELLS & SHIELD: STEEL
ENCLOSURE: PVC, BLACK
- 2. FINISH:
CONTACT: GOLD PLATING 0.02µm[.0000008] MIN ON CONTACT AREA, 2.3µm[.000090] MIN TIN-LEAD PLATING ON SOLDER AREA. ALL OVER 1.27µm[.000050] MIN NICKEL.
SHELL: 2.4µm[.000095] MIN TIN.
SHIELD: 2.0-3.0µm[.000080-.000120] TIN.
- 3. SPECIFICATION:
ELECTRICAL CHARACTERISTICS:
CURRENT RATING: 3 AMPERES
DIELECTRIC WITHSTANDING VOLTAGE: AC 1000V r.m.s
INSULATION RESISTANCE: 5000 MEGAOHMS MINIMUM AT DC 500V
CONTACT RESISTANCE: 10 MILLIOHMS MAXIMUM.
- 4. PLUG CONNECTOR FULLY LOADED WITH CONTACTS.
ALL OTHER PARTS ARE SHIPPED UNASSEMBLED, EACH PART INDIVIDUALLY BULK PACKED.
- 5. SOLDER CUP WILL ACCOMMODATE 20 MAX. AWG WIRE.
- 6. FINISH:
CONTACT: GOLD PLATING 0.02µm[.0000008] MIN ON CONTACT AREA, 2.3µm[.000090] MIN HOT DIPPED TIN-COPPER PLATING ON SOLDER AREA. ALL OVER 1.27µm[.000050] MIN. NICKEL.
SHELL: 2.4µm[.000095] MIN BRIGHT TIN
SHIELD: 2.0-3.0µm[.000080-.000120] TIN.
- 8. ROHS 2002/95/EC COMPLIANT PART (SEE SHEET 2).
- 9. COMPANY LOGO IN APPROXIMATE AREA SHOWN.
- 10. ASSEMBLE PER 408-10443.

8	6	10.8 [.425]	1571652-6
8	6	9.5 [.374]	1571652-5
8	6	7.2 [.283]	1571652-4
SUPERSEDED BY 1571652-6	2	10.8 [.425]	1571652-3
SUPERSEDED BY 1571652-5	2	9.5 [.374]	1571652-2
SUPERSEDED BY 1571652-4	2	7.2 [.283]	1571652-1
	FINISH	CABLE DIA L	PART NUMBER

EXPLODED VIEW OF ASSEMBLED KIT

THIS DRAWING IS A CONTROLLED DOCUMENT. DIN M. BINNER 21NOV03

APVD: [Signature]

NAME: [Signature]

PRODUCT SPEC: 108-40031

APPLICATION SPEC: [Signature]

SIZE: A1

WEIGHT: [Signature]

CUSTOMER DRAWING

SCALE: 4:1

SHEET: 1 of 1

REV: F

STE TE Connectivity

BULK KIT, PLUG, AMPLIMITE SOLDER CUP SHIELDING ENCLOSURE 25 POSITION, SIZE 3

100779-1571652