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2-1734344-3 Product Details

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2-1734344-3

TE Internal Number: 2-1734344-3

Active

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Standard Board Mount Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- 15 Positions
- Connector Style = Receptacle
- PCB Mounting Orientation = Right Angle
- Product Series = HD-22
- With Mating Connector Lock

[View all Features](#)

Quick Links

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Documentation & Additional Information

Product Drawings:

- [RCPT ASM, SZ 1, 15POSN, RT ANG, Front Metal Shell, A...](#) (PDF, English)

Catalog Pages/Data Sheets:

- [AMPLIMITE Subminiature D Connectors - Right-Angle Po...](#) (PDF, English)

Product Specifications:

- None Available

Application Specifications:

- [AMPLIMITE HD-22 Right-Angle Front Metal Shell Connectors](#) (PDF, English)

Instruction Sheets:

- None Available

CAD Files: [\(CAD Format & Compression Information\)](#)

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

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

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

Product Type Features:

- [PCB Mounting Orientation](#) = Right Angle
- [Product Series](#) = HD-22
- [Mating Connector Lock](#) = With
- [Mating Connector Lock Type](#) = Threaded Insert, 4-40 UNC
- [PCB Mount Retention](#) = With
- [PCB Mount Retention Type](#) = Boardlock(s)
- [Shell Type](#) = Front Metal Shell
- [Shell Size](#) = 1
- [Footprint \(mm \[in\]\)](#) = 8.89 [.350]
- [Grounding Indents](#) = Without
- [Grounding Straps](#) = Without
- [PCB Mount Style](#) = Through Hole
- [Color Code](#) = 300 (Blue)
- [Sealed](#) = No
- [Post Size \(mm \[in\]\)](#) = 0.50 [.020]
- [Color](#) = Blue
- [Shell Material](#) = SPCC

Mechanical Attachment:

- [Panel Mount Retention](#) = Without
- [Boardlock Material](#) = Brass
- [Boardlock Plating](#) = Tin over Nickel

Termination Features:

- [Grounding Clips](#) = Without
- [Termination Post Length \(mm \[in\]\)](#) = 3.20 [0.126]
- [Solder Tail Contact Plating](#) = Tin over Nickel

Dimensions:

- [PCB Thickness, Recommended \(in \[mm\]\)](#) = 0.062 [1.57]

Body Features:

- [Insert Material](#) = Copper Alloy
- [Shell Plating](#) = Nickel

Contact Features:

- [Contact Plating, Mating Area, Material](#) = Gold (30)
- [Contact Shape](#) = Round
- [Contact Base Material](#) = Phosphor Bronze

Housing Features:

- [Connector Style](#) = Receptacle
- [UL Flammability Rating](#) = UL 94V-0
- [Housing Material](#) = Thermoplastic - GF

Configuration Features:

- [Number of Positions](#) = 15

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

Operation/Application:

- [Application](#) = Standard

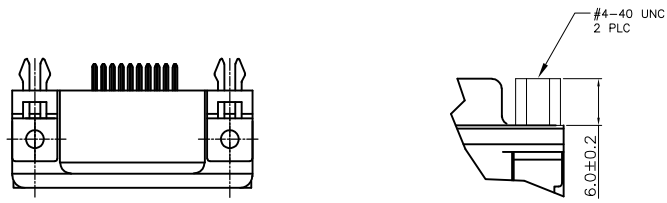
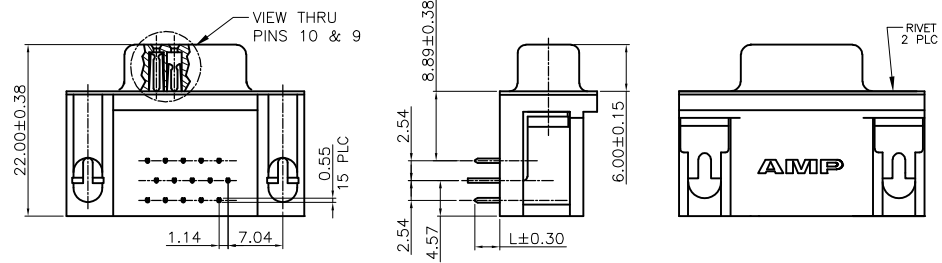
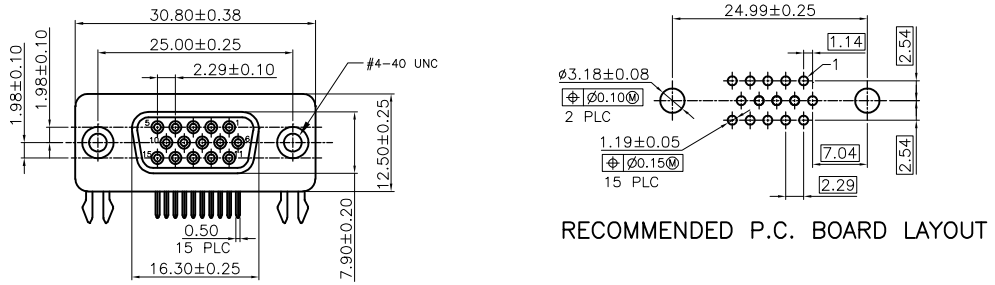
Packaging Features:

- [Packaging Method](#) = Tray

Other:

- [Brand](#) = AMP

- NOTES:
- MATERIAL:
 - 1.1 HOUSING: UL94V-0; COLOR: SEE TABLE.
 - ▲: NY9T, THERMOPLASTIC, HIGH TEMP.
 - ▲: PBT, THERMOPLASTIC.
 - 1.2 CONTACTS: PHOSPHOR BRONZE
 - 1.3 SHELL: SPCC
 - 1.4 BOARDLOCK: BRASS
 - 1.5 RIVET: BRASS
 - FINISH:
 - 2.1 CONTACT:
 - GOLD PLATING ON CONTACT AREA,
 - 100μ" MIN. MATTE TIN PLATING ON SOLDERTAIL,
 - 50μ" MIN. NICKEL UNDERPLATED OVERALL.
 - 2.2 BOARDLOCK:
 - 100μ" MIN. TIN PLATING
 - 50μ" MIN. NICKEL UNDERPLATED OVERALL.
 - 2.3 SHELL: 50μ" MIN. NICKEL PLATING OVERALL.
 - 2.4 RIVET: NICKEL PLATING OVERALL.
 - RECOMMENDED PCB THICKNESS: 1.6mm
 - WAVE SOLDER CAPABLE TO 265°C PER TE CONNECTIVITY SPEC. 109-202, CONDITION B.



	▲	300U BLUE	3.20	TRAY	10μ"	RIVET, THREADED W/O SCREW	5-1734344-3
OBSOLETE		300U BLUE	3.70	TRAY	30μ"	RIVET, THREADED W/O SCREW	2-1734344-4
		300U BLUE	3.20	TRAY	30μ"	RIVET, THREADED W/O SCREW	2-1734344-3
OBSOLETE		661C BLUE	2.67	TRAY	30μ"	RIVET, THREADED W/O SCREW	2-1734344-2
		661C BLUE	2.67	TRAY	G/F	W/FEMALE SCREWLOCKS (DETAIL Z)	1-1734344-2
		300U BLUE	3.20	TRAY	G/F	W/FEMALE SCREWLOCKS (DETAIL Z)	1-1734344-1
	▲	BLACK	2.67	TUBE	15μ"	W/FEMALE SCREWLOCKS (DETAIL Z)	1734344-5
OBSOLETE		300U BLUE	3.20	TUBE	10μ"	RIVET, THREADED W/O SCREW	1734344-4
		300U BLUE	3.20	TRAY	10μ"	RIVET, THREADED W/O SCREW	1734344-3
		661C BLUE	2.67	TRAY	G/F	RIVET, THREADED W/O SCREW	1734344-2
		300U BLUE	3.20	TRAY	G/F	RIVET, THREADED W/O SCREW	1734344-1
		HSG RESIN	PANTONE COLOR	'L'	PACKAGING	GOLD PLATING	FASTENER OPTION
							PART NUMBER

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DWN J. LEE 16JAN2006
 CHK S. HOU 16JAN2006
 APVD W.J. KE 16JAN2006

TE Connectivity

RCPT ASM, SZ 1, 15 POSN, RT ANG, FRONT METAL, SHELL AMPLIMITE HD-22

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME	RESTRICTED TO
MM	0 PLC ± - 1 PLC ± 0.3 2 PLC ± 0.2 3 PLC ± - 4 PLC ± - ANGLES ± 3'	W.J. KE 108-57541 501-57623	
MATERIAL	FINISH	SIZE CAGE CODE DRAWING NO	RESTRICTED TO
SEE NOTE	SEE NOTE	A3 00779 C-1734344	
		CUSTOMER DRAWING	SCALE SHEET 1 OF 3 REV B1

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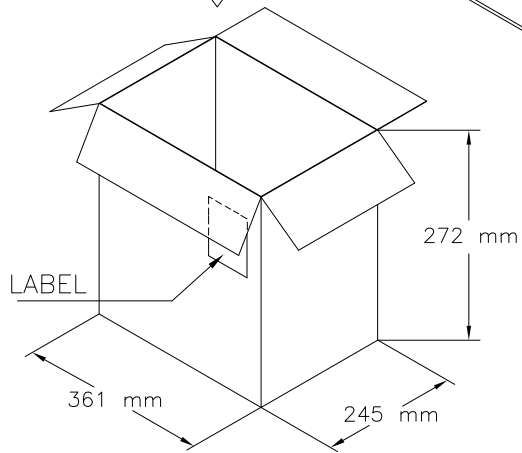
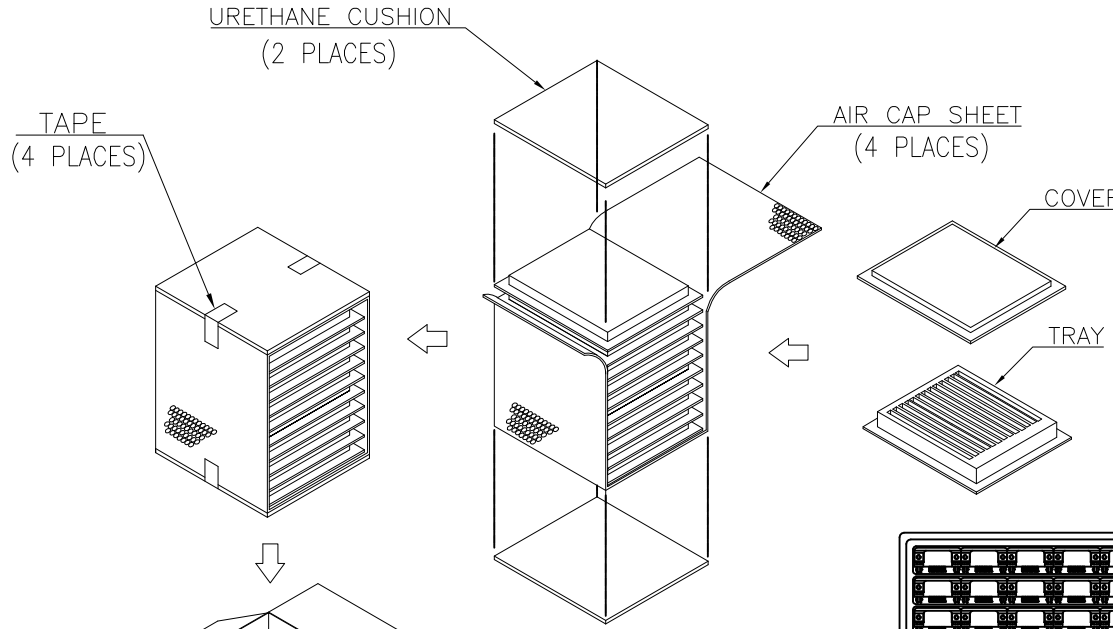
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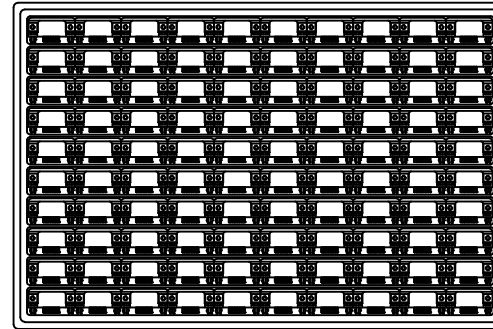
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1.	-	-	-



NOTES:

1. MATERIAL:
 - 1.1 TRAY: PVC
 - 1.2 SHIPPING CARTON: CORRUGATED FIBERBOARD
2. DIMENSION:
 - 2.1 TRAY: L=320, W=230, H=18.9
 - 2.2 SHIPPING CARTON: L=361, W=245, H=272
3. QUANTITY:
 - 3.1 PRIMARY PACKING: 100 PCS/TRAY
 - 3.2 SECONDARY PACKING: 10 TRAY/CARTON(1000PCS)
4. CARTON WEIGHT:
 - 4.1 W/O SCREWLOCK
NET WEIGHT: 8.24 Kg
GROSS WEIGHT: 9.24 Kg
 - 4.2 WITH SCREWLOCK
NET WEIGHT: 10.24 Kg
GROSS WEIGHT: 11.24 Kg



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DIMENSIONS: MM



TOLERANCES UNLESS OTHERWISE SPECIFIED:

- 0 PLC ± -
- 1 PLC ± -
- 2 PLC ± -
- 3 PLC ± -
- 4 PLC ± -
- ANGLES ± -

MATERIAL

FINISH

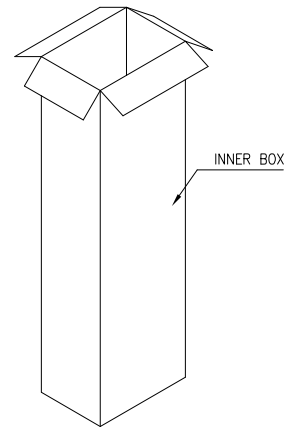
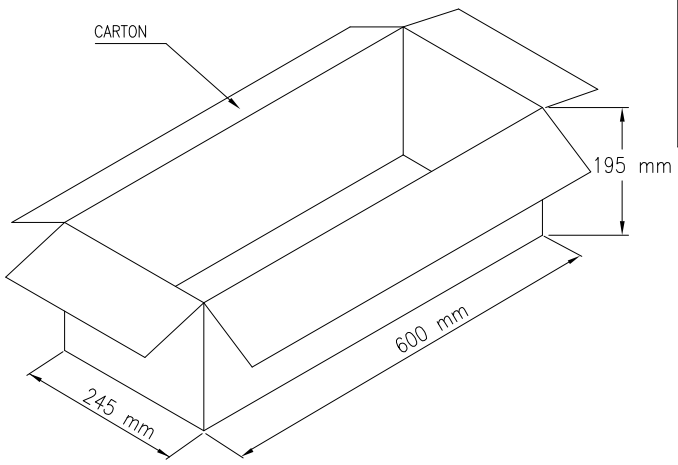
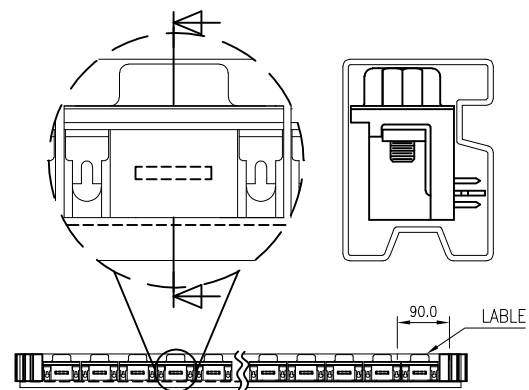
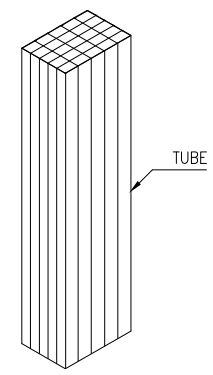
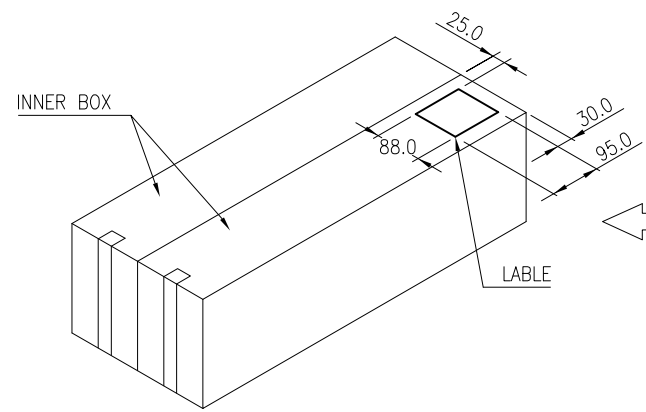
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CHK	/
APVD	/
PRODUCT SPEC	-
APPLICATION SPEC	-
WEIGHT	-
CUSTOMER DRAWING	/





NAME				RESTRICTED TO	
RCPT ASM, SZ 1, 15 POSN, RT ANG, FRONT METAL, SHELL AMPLIMITE HD-22				-	
SIZE	CAGE CODE	DRAWING NO			
A3	00779	©=1734344			
SCALE			SHEET	2 OF 3	REV B1

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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1.	-	-	-



- NOTES:
- MATERIAL:
 - 1.1 TRAY: PVC
 - 1.2 SHIPPING CARTON: CORRUGATED FIBERBOARD
 - DIMENSION:
 - 2.1 TRAY: L=560, W=17.8, H=27.4
 - 2.2 SHIPPING CARTON: L=600, W=245, H=195
 - QUANTITY:
 - 3.1 PRIMARY PACKING: 17 PCS/TUBE
 - 3.2 SECONDARY PACKING: 25 TUPE/BOX
 - 3.3 THIRD PACKING: 2 BOX/CARTON(850PCS)
 - CARTON WEIGHT:
 - 4.1 W/O SCREWLOCK
NET WEIGHT: 8.24 Kg
GROSS WEIGHT: 9.24 Kg
 - 4.2 WITH SCREWLOCK
NET WEIGHT: 10 Kg
GROSS WEIGHT: 11 Kg

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN		 TE Connectivity	
DIMENSIONS: MM		CHK			
DIMENSIONS: MM 		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
0 PLC ±		1 PLC ±		RCPT ASM, SZ 1, 15 POSN, RT ANG, FRONT METAL, SHELL AMPLIMITE HD-22	
1 PLC ±		2 PLC ±		PRODUCT SPEC	
2 PLC ±		3 PLC ±		APPLICATION SPEC	
3 PLC ±		4 PLC ±		SIZE	
4 PLC ±		ANGLES ±		CAGE CODE	
MATERIAL		FINISH		DRAWING NO	
				A3 00779 C-1734344	
				RESTRICTED TO	
				SCALE	
				SHEET 3 of 3	
				REV B1	
				CUSTOMER DRAWING	