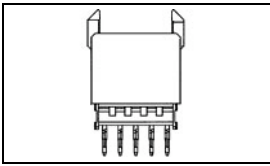



106775-1 Product Details

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106775-1

TE Internal Number: 106775-1
 Active

[View 3D PDF](#)

2mm Hard Metric PCB Mount Connectors (Z-PACK 2mm HM)

Not EU RoHS or ELV Compliant (Find RoHS Compliant Alternates)

Product Highlights:

- Connector
- Connector Assembly
- Connector Style = Receptacle
- Type = Type C
- Interface Type = 2mm HM

[View all Features](#)

Quick Links

- ▶ [Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [View Mating Products \(1\)](#)
- ▶ [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:

- [Z-PACK 2MM HM TYPE C 55 POS. VERTICAL FEMALE CONNECT...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- [Z-PACK 2mm HM Interconnection System for Board-to-Bo...](#) (PDF, English)

Instruction Sheets:

- [INSERTION TOOL FOR Z-PACK 2mm HM CONN.](#) (PDF, Japanese)

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

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

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(1\)](#)

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

Product Type Features:

- Product Type = Connector
- Connector Type = Connector Assembly
- [PCB Mounting Orientation](#) = Vertical

Mechanical Attachment:

- [Board Mount](#) = Fixed Board, Free Board

Termination Features:

- [Interface Type](#) = 2mm HM
- Termination End Plating = Tin-Lead over Nickel

Dimensions:

- [Module Length](#) (mm [in]) = 25.00 [0.984]

Body Features:

- [Type](#) = Type C

Contact Features:

- [Contact Configuration](#) = Signal
- [Feedthrough Post Length](#) (mm [in]) = 3.70 [0.145]
- [CompactPCI](#) = No
- [Contact Plating, Mating Area, Material](#) = Gold (30)
- [Grounding Contact](#) = Without
- Contact Style = Short Tail
- Contact Base Material = Phosphor Bronze

Housing Features:

- Connector Style = Receptacle
- [Mating Alignment](#) = Without
- Housing Color = Gray
- Housing Material = Polyester GF
- UL Flammability Rating = UL 94V-0

Configuration Features:

- [Number of Rows](#) = 5
- [Number of Positions](#) = 55
- [Crosstalk Version](#) = Standard
- [Shielded](#) = No

Industry Standards:

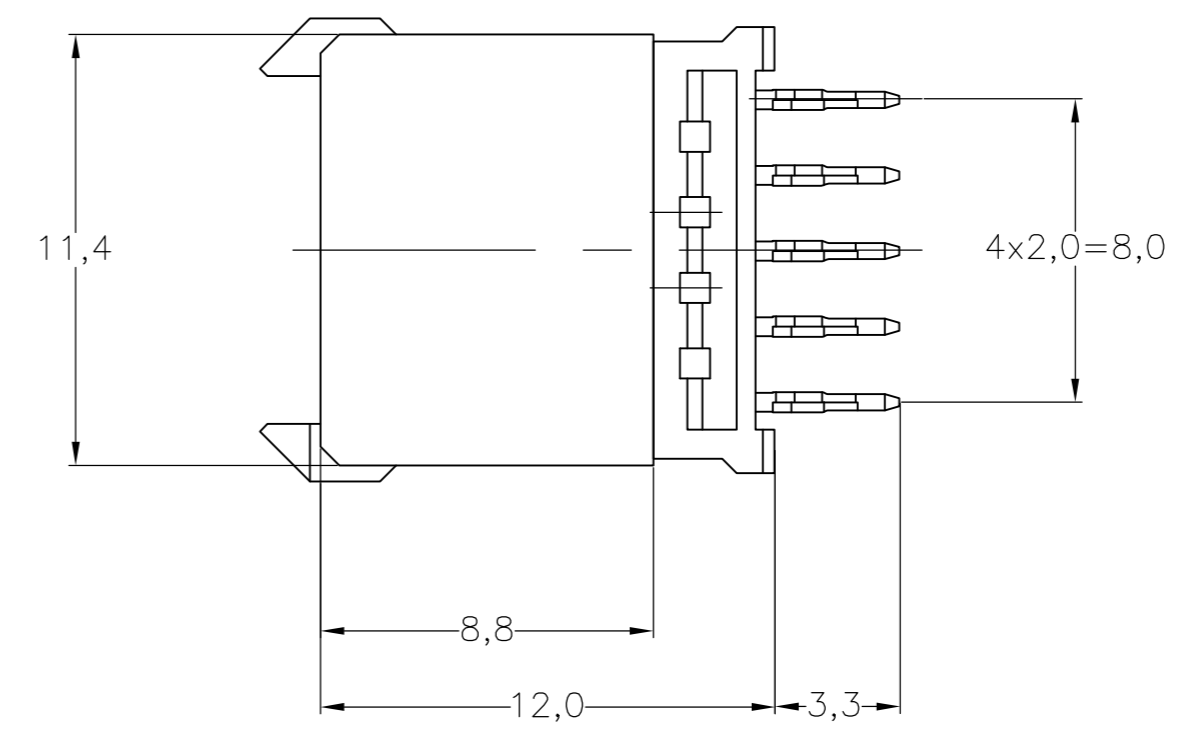
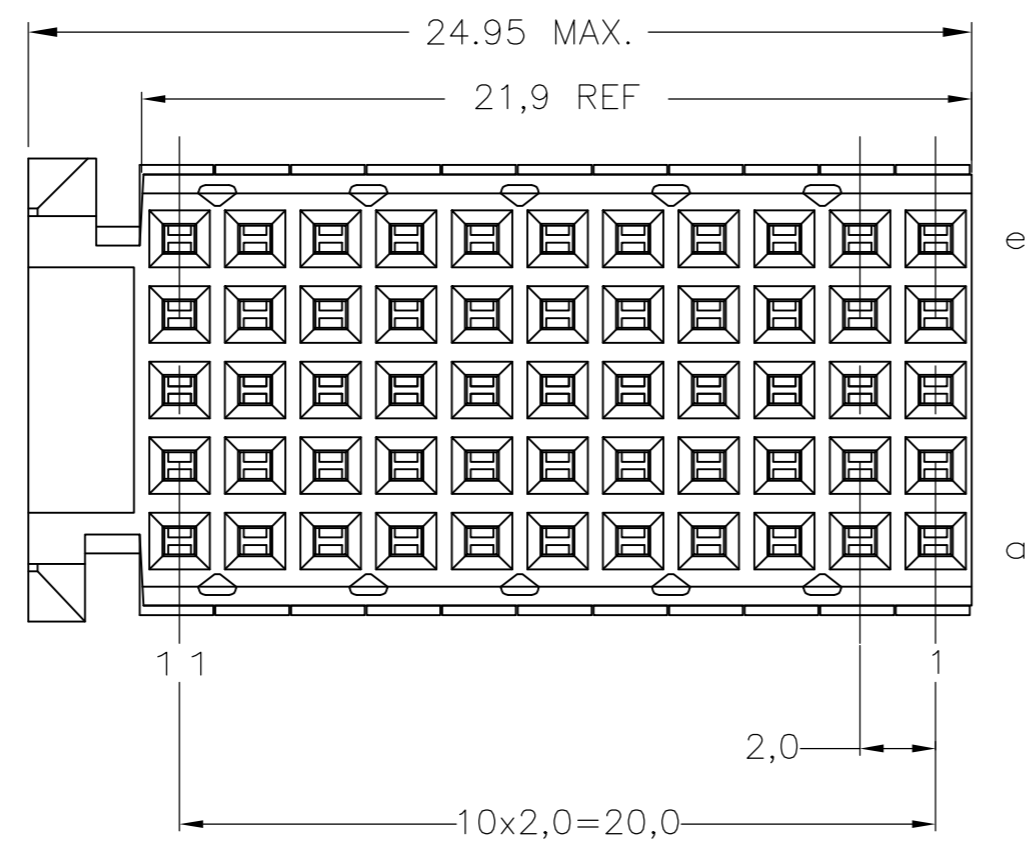
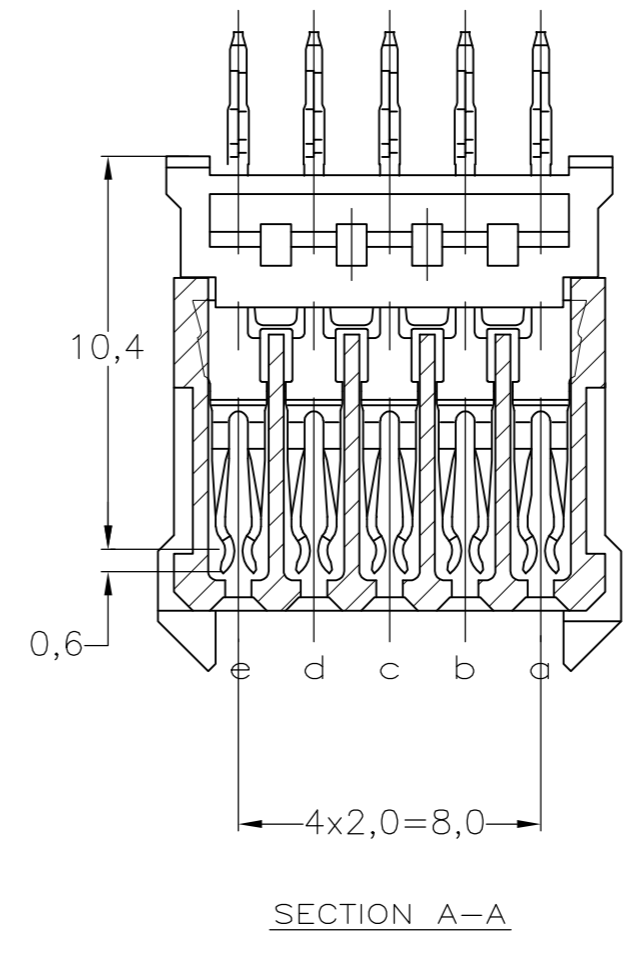
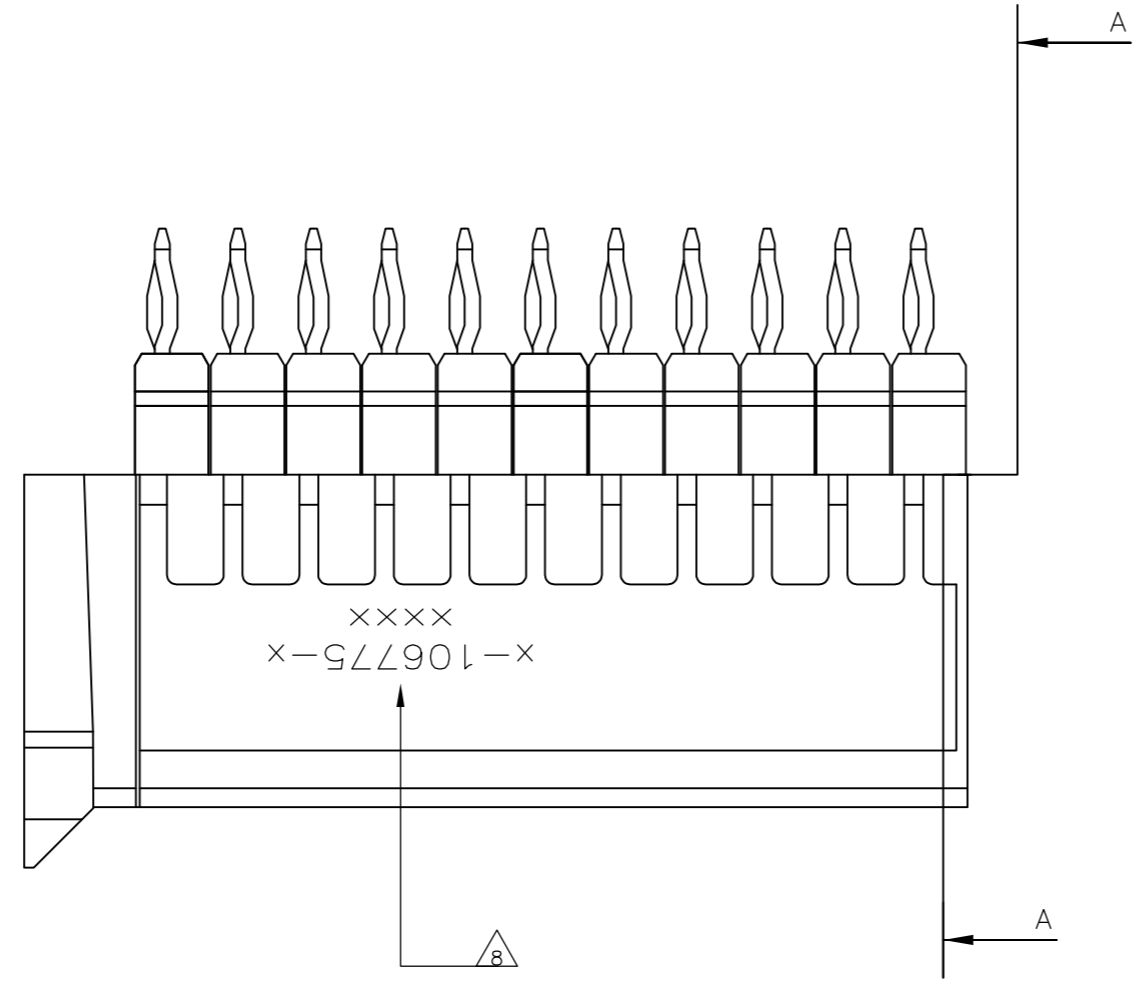
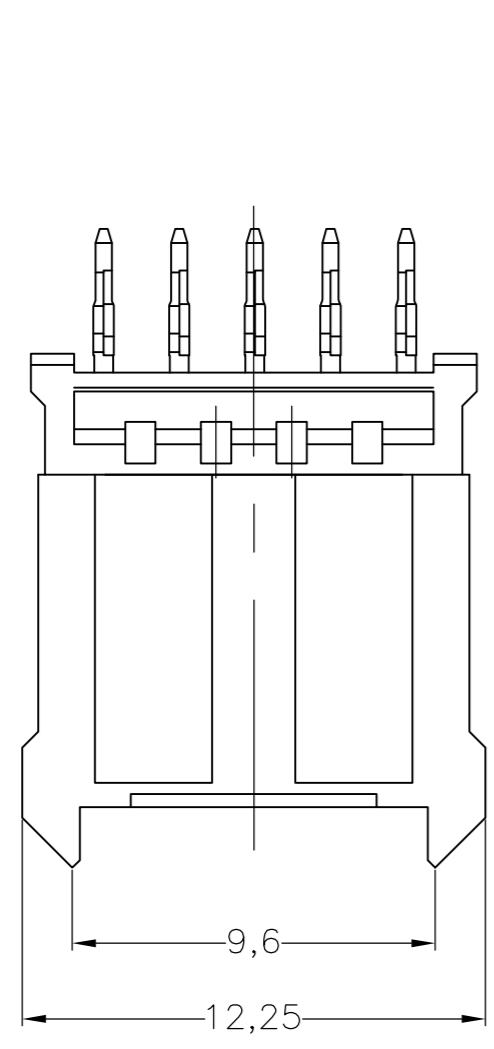
- [RoHS/ELV Compliance](#) = Not ELV/RoHS compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process

Other:

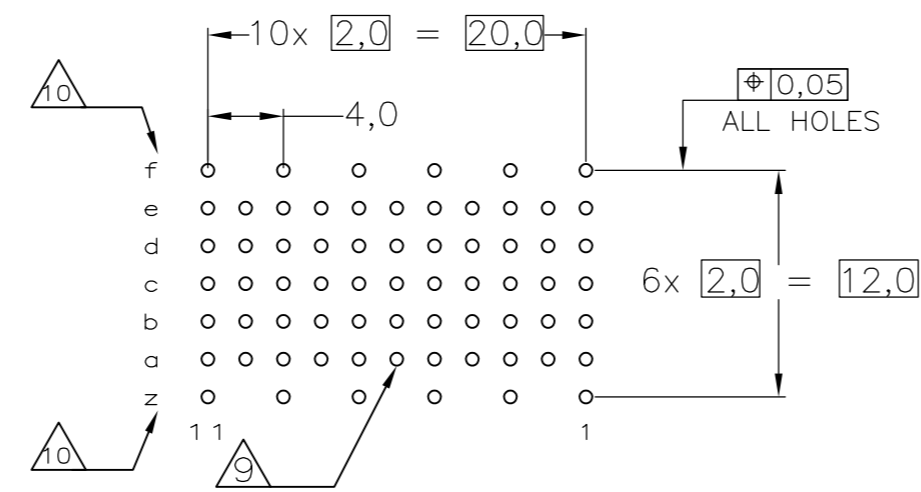
- Brand = AMP

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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
N		REVISED PER ECO-11-008643	26MAR11	RC	CW		
P		ECO-11-024491	13DEC11	SY	MQW		
R		ECR-12-009867	25NOV12	SY	AC		



- NOTES:
- 1 MATERIAL CONTACT: PHOSPHORBRONZE
MATERIAL HOUSING: GLASSFILLED POLYESTER
UL-RATING 94V0 (GRAY)
 - 2 GENERAL PLATING SPECIFICATION: UNDERPLATING (ENTIRE CONTACT): 1,27µm NICKEL MIN. AND ACTION PIN: 0,5µm TIN-LEAD MIN.
FOR PLATING OF MATING SURFACES SEE APPLICABLE SPECIFICATION REFERENCE FOR EACH DASH NUMBER.
 - 3 CONFORMS TO ALL TESTING ACCORDING IEC 61076-4-101 PERFORMANCE LEVEL 2.
 - 4 CONFORMS TO ALL TESTING ACCORDING IEC 61076-4-101 PERFORMANCE LEVEL 1.
 - 5 CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE QUALITY LEVEL III, CENTRAL OFFICE APPLICATIONS.
 - 6 CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE QUALITY LEVEL III, UNCONTROLLED ENVIRONMENT APPLICATIONS.
 - 7 CONNECTOR LUBRICATED WITH TELCORDIA APPROVED LUBRICANT.
 - 8 CONNECTOR PRINTED WITH PARTNUMBER AND DATECODE.
 - 9 PLATED-THROUGH HOLES AT 2x2mm SQUARE GRID (55 HOLES).
 - 10 HOLES IN ROW f AND z FOR POSSIBLE FUTURE USE OF GROUND RETURN SHIELD. (SHIELDS NOT YET TOOLED)
 - 11 0.76µm MIN COLD PLATING AT MATING SURFACES



COMPONENT SIDE AS SHOWN
 RECOMMENDED PCB-HOLE LAY-OUT
 P.C.B. HOLE DIM. ACTION PIN
 FOR DETAILS SEE APPLICATION SPECIFICATION

SCALE 2,5:1

FINISH	MATERIAL	PARTNUMBER
2 3 4	1	3-106775-1
2 6 4	1	1-106775-9
2 3 4	1	106775-9
2 4 4	1	106775-4
2 3	1	106775-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN L.V.D.HEIJDEN 14APR97	NAME
	0 PLC ± -	CHK D.TRUREN 14APR97	F.V.KONINGSBRUGGE
	1 PLC ± -	APVD	108-19082
	2 PLC ± -	PRODUCT SPEC	114-19029
	3 PLC ± ± ±0.2	APPLICATION SPEC	114-19029
	4 PLC ± -	WEIGHT	-
	ANGLES ± -	FINISH	-

MATERIAL: -

TE Connectivity
 Z-PACK 2MM HM TYPE C
 55 POS. VERTICAL FEMALE
 CONNECTOR ASSEMBLY

SIZE A2	CAGE CODE 00779	DRAWING NO. C=106775	RESTRICTED TO -
CUSTOMER DRAWING	SCALE NTS	SHEET 1 OF 1	REV R