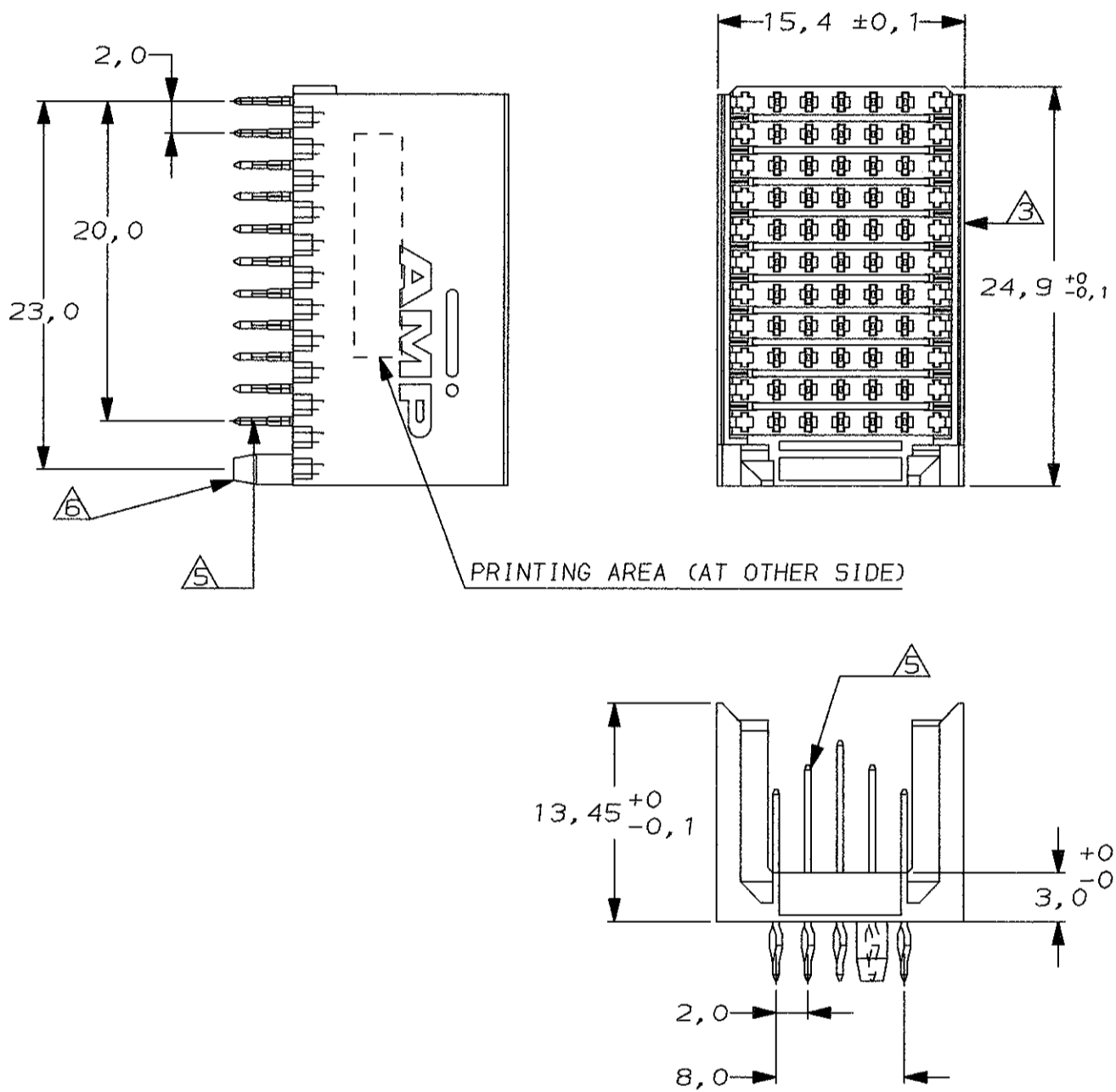
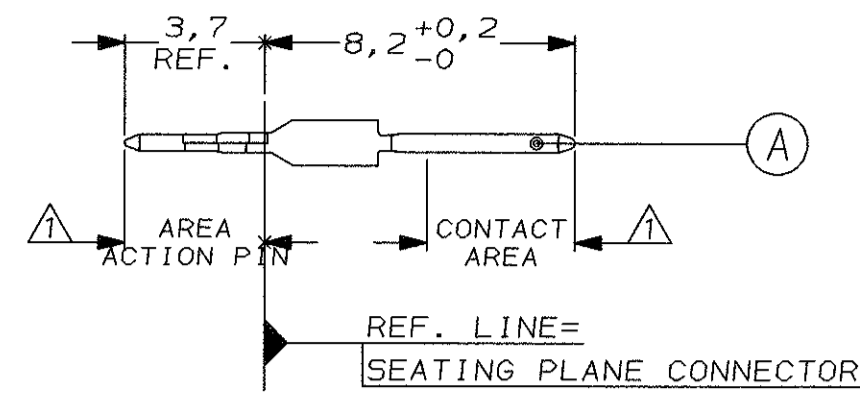


CONNECTOR ASSEMBLY EXEMPLARY LOADED



CONTACT DIMENSIONS

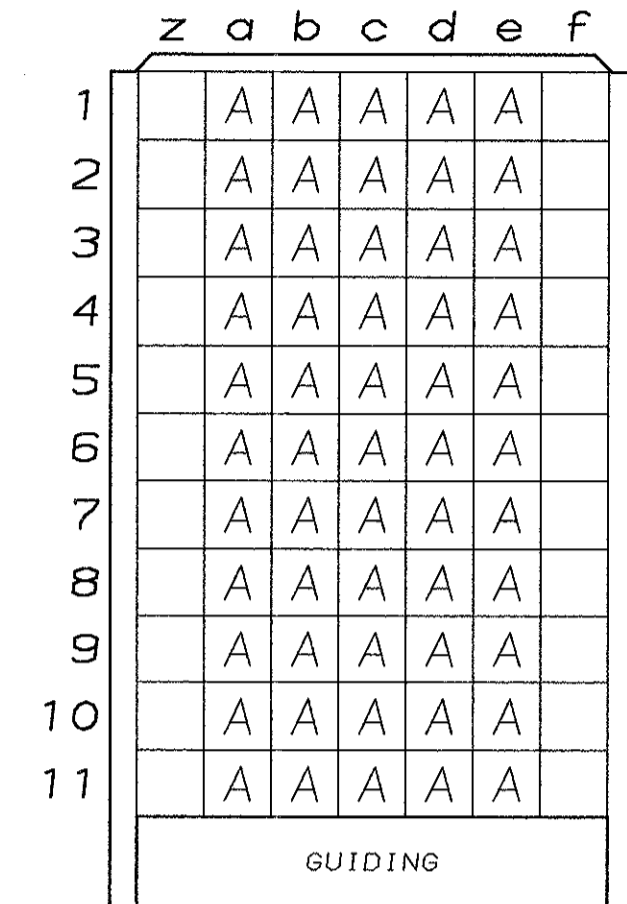


DO NOT SCALE
DIMENSIONS IN mm

METRIC

THIRD ANGLE
PROJECTION

CONTACT LAYOUT

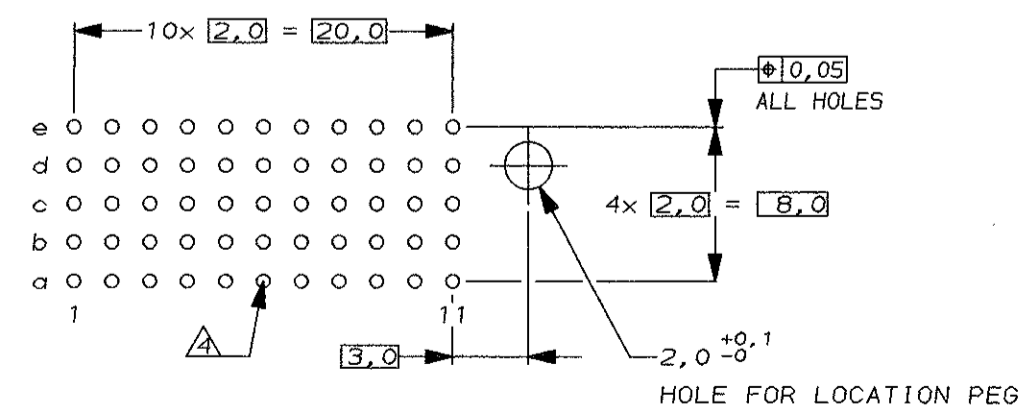


NOTES:

- 1 FOR FINISH TYPES SEE PLATING TABLE.
- 2 MATERIAL CONTACT: PHOSPHORBRONZE.
MATERIAL HOUSING: GREY GLASSFILLED POLYESTER
UL-RATING 94V0.
- 3 CONNECTOR MARKED WITH PART NUMBER AND DATE CODE.
- 4 PLATED-THROUGH HOLES AT 2x2mm SQUARE GRID,
TOTAL 55 HOLES.
- 5 FOR ACTUAL PIN LOADING SEE "CONTACT LAYOUT".
- 6 LOCATION PEG.
- 7 CONNECTOR LUBRICATED WITH BELCORE
APPROVED LUBRICANT. TECHNICAL REFERENCE :
TR-NWT-001217 ISSUE 1, SEPT. 1992
- 8 PRODUCT AS SHOWN MANUFACTURED BY AMP-HOLLAND.
DEPENDING ON PRODUCTION SITE, SLIGHT VARIATIONS IN
FORM OR APPEARANCE ARE PERMITTED.

PLATING TABLE

PART NO.	PLATING TABLE			
	UNDER-COATING µm Ni MIN.	CONTACT AREA µm Au MIN.	ACTION-PIN AREA µm	CONSERVATION TREATMENT
100159-1	1,3	0,8	0,5-2,5 Sn/Pb	NO
100159-2	2,0	2,0	0,5-2,5 Sn/Pb	NO
100159-4	1,3	1,3	0,5-2,5 Sn/Pb	NO
100159-9	1,3	0,8	0,5-2,5 Sn/Pb	YES



RECOMMENDED PCB-HOLE LAY-OUT
COMPONENT SIDE SHOWN

P.C.B. HOLE DIM. ACTION PIN	
DRILLED HOLE:	0,7±0,025mm
FIN. HOLE :	0,55 TO 0,65mm
Cu-thks :	0,025 TO 0,050mm
SnPb-thks :	0,004 TO 0,010mm

FINISH	MATERIAL	PART NUMBER
1	2	100159-9
1	2	100159-4
1	2	100159-2
1	2	100159-1

CUSTOMER DRAWING		FOR REFERENCE ONLY WILL NOT BE UPDATED	
DR.	L.v.d.HEIJDEN	CHK.	L.v.d.REE
APP.	F.v.KONINGSBERG	DR.	CHK.
DATE:	08-OCT-98	DATE:	08-OCT-98

REV. LTR.	DATE	DESCRIPTION
H	22-JAN-95	EH-1609-98
G	05-JUL-95	EH-0818-95
F	20-NOV-93	EH-0905-93

NAME	DWG. No.	REV. LTR.	SHEET
AMP HOLLAND B.V. 's-Hertogenbosch, The Netherlands.	Z-PACK 2mm HM TYPE C 55 POS. MALE CONNECTOR ASSEMBLY	H	1 OF 1

Current Brand View

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High Speed Connectors

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

AMP

100159-1 -- 1 of 10 products

Active

[Active](#)

(Tyco Electronics P/N: 100159-1)

Next	Sales Information	AMP ACES	Step Search Screen
	Related CAD Geometry	Related Documents	General Information
		Pricing	Product Availability

Please use the customer drawing for all design activity.

- Customer Drawing: 100159, Rev. H

Document Title: z-pack 2mm hm type c 55 positions male connector assembly

[194128.pdf](#) [194128.pdf](#) (84K)

The photographs and/or line drawings below are representative images of a product for viewing purposes only.

[Product Photo](#)

Searchable Features:

Brand:	AMP
Gender:	Plug
Product Type:	Connector
Connector Type:	Type C
Contact Type:	ACTION PIN Posts, Signal
No. of Rows:	5
No. of Positions:	55
PCB Mount Angle:	Vertical
Board Mount:	Fixed Board
Mating Polarization:	Yes

Other Properties:

Rows Loaded:	A, B, D, E, C
Contact Style:	Short Tail
Front Mating Level:	Level 1
Feedthrough Post Length (mm [in]):	3.71 [.146]
Housing Material:	Glass-Filled PBT
Housing Color:	Gray
Housing Flammability Rating:	UL 94V-0
Contact Material:	Phosphor Bronze
Termination End Plating:	Tin-Lead over Nickel
Packaging Quantity:	22

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- [Competitor Cross Reference](#)
- [Document Number Search](#)
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- [Help/Glossary](#)

Mating Polarization Method:	Polarizing Peg
Module Length (mm [in]):	25.00 [.984]
Crosstalk Version:	Standard
Shielded:	No
CompactPCI:	No
Contact Mating Area Plating:	Gold (30) over Nickel (50)
Grounding Contact:	Without

Comment:	This module type is used only at one end of stacked connector modules
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