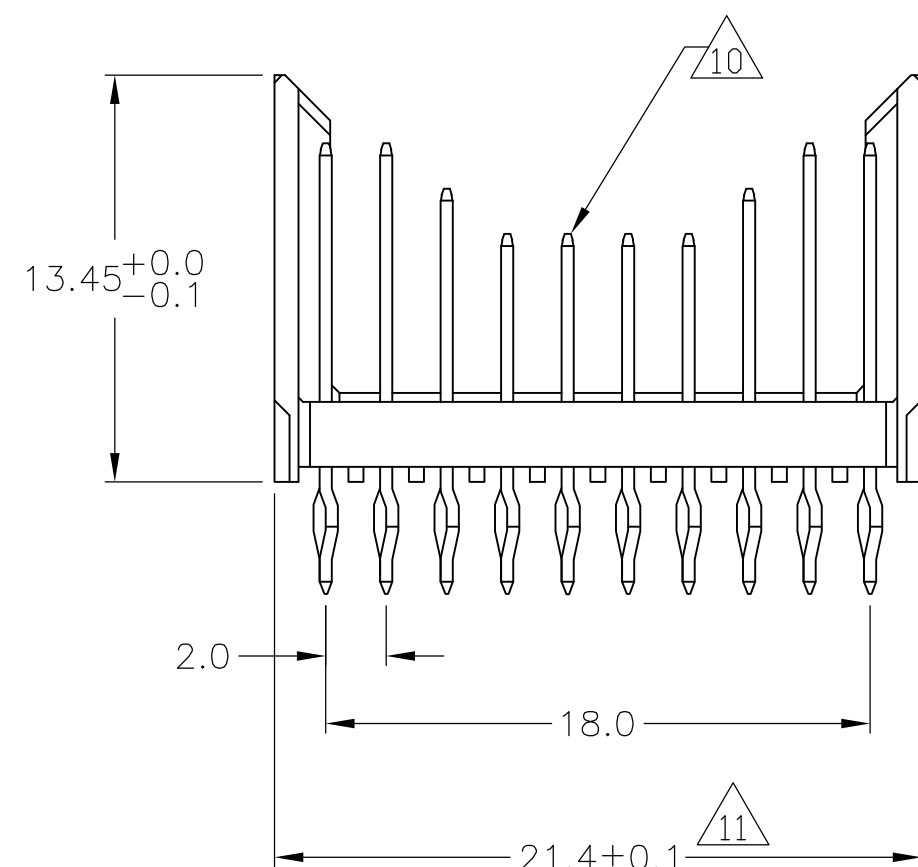
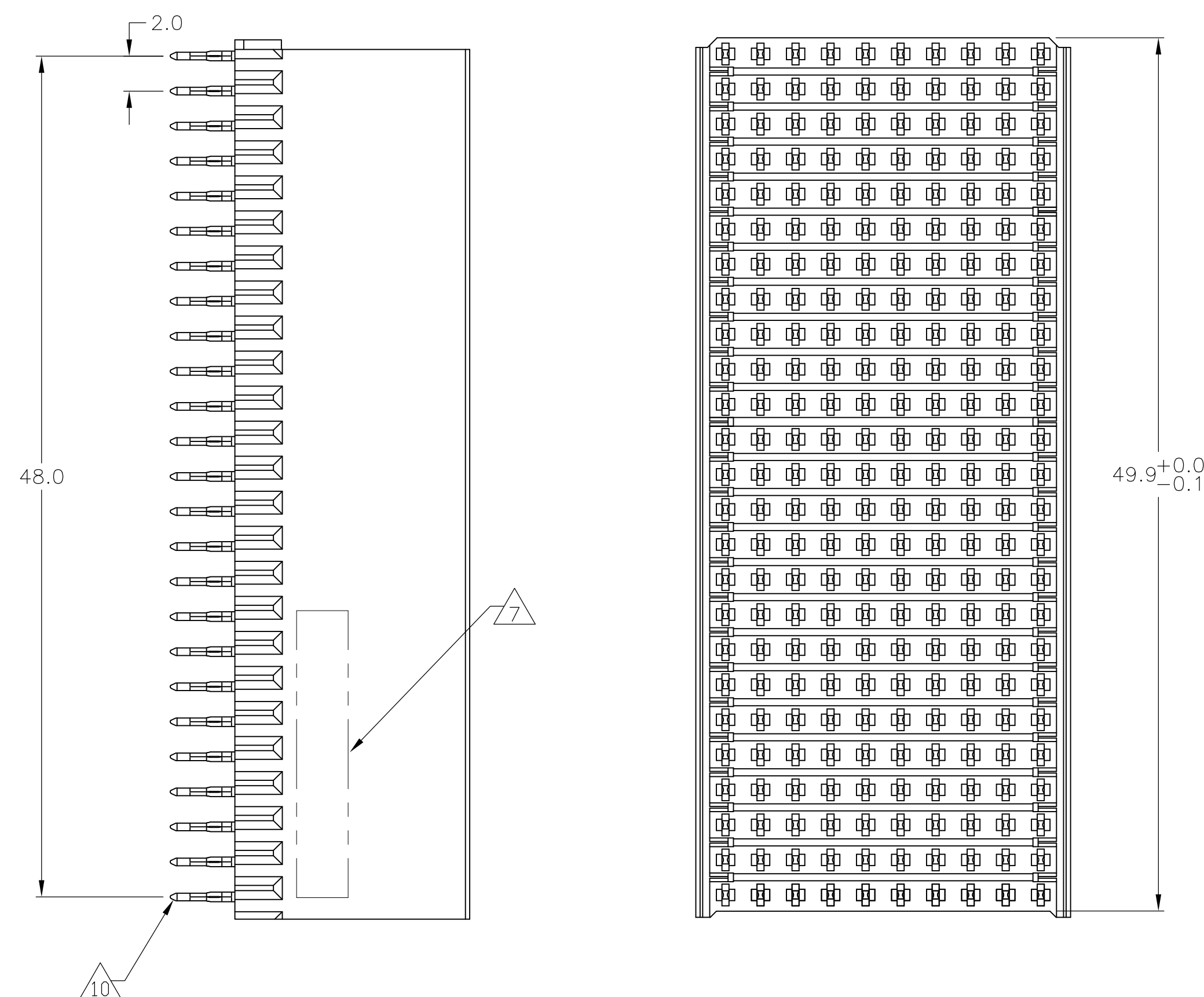
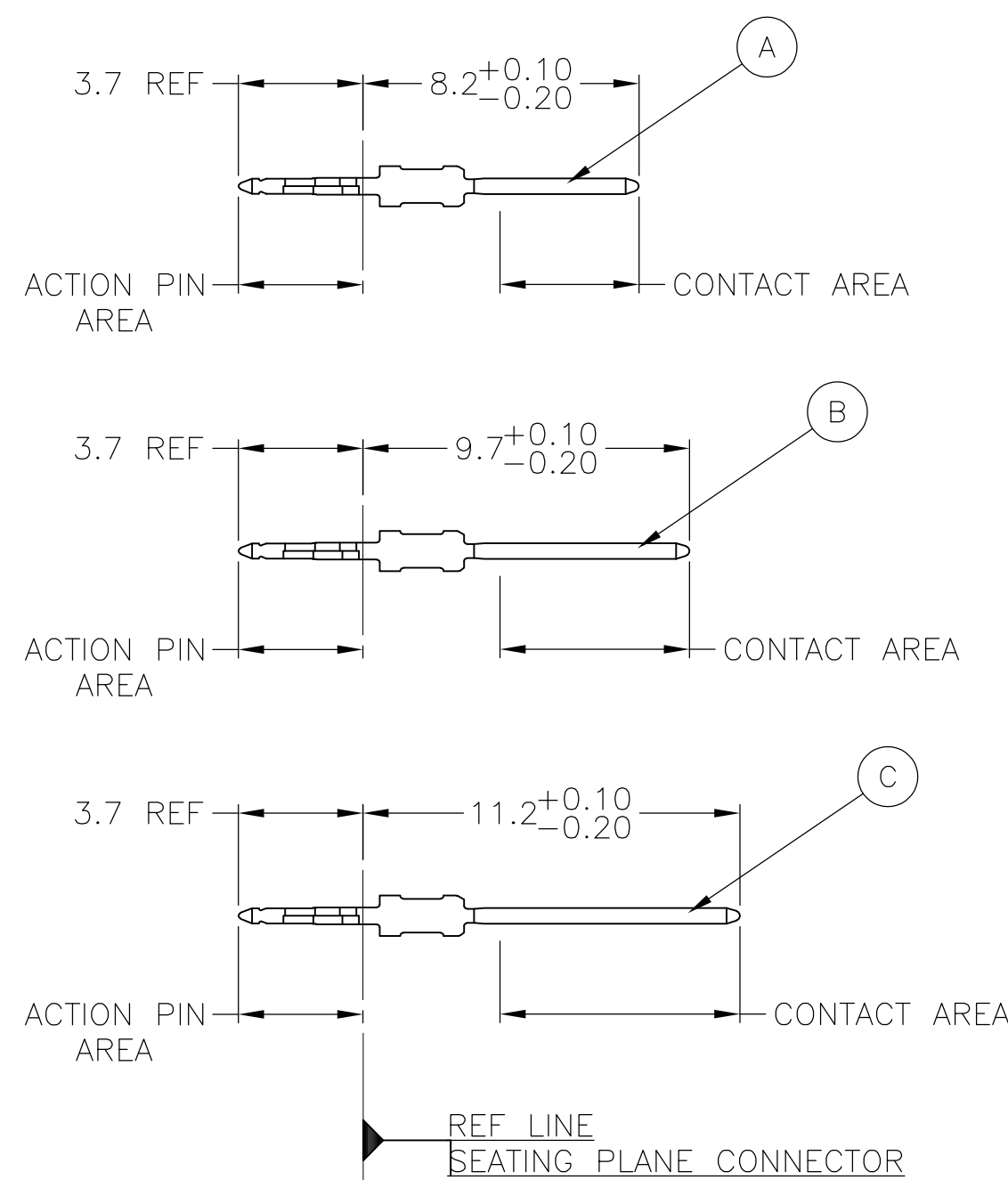


CONNECTOR ASSEMBLY
EXEMPLARY LOADED



CONTACT DIMENSIONS

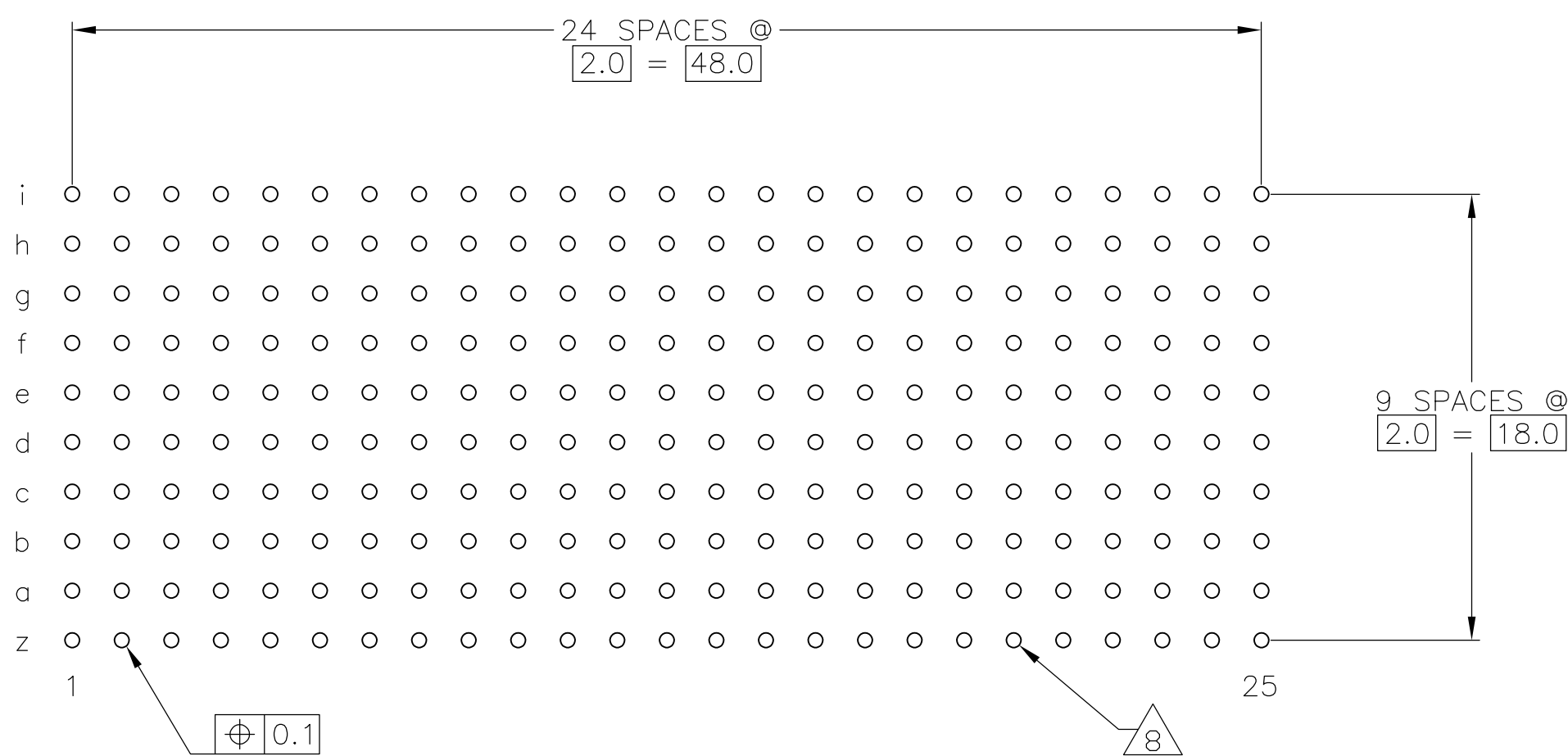
SCALE 5:1



CONTACT LAYOUT

	z	a	b	c	d	e	f	g	h	i
1	C	C	B	A	A	A	A	B	C	C
2	C	C	B	A	A	A	A	B	C	C
3	C	C	B	A	A	A	A	B	C	C
4	C	C	B	A	A	A	A	B	C	C
5	C	C	B	A	A	A	A	B	C	C
6	C	C	B	A	A	A	A	B	C	C
7	C	C	B	A	A	A	A	B	C	C
8	C	C	B	A	A	A	A	B	C	C
9	C	C	B	A	A	A	A	B	C	C
10	C	C	B	A	A	A	A	B	C	C
11	C	C	B	A	A	A	A	B	C	C
12	C	C	B	A	A	A	A	B	C	C
13	C	C	B	A	A	A	A	B	C	C
14	C	C	B	A	A	A	A	B	C	C
15	C	C	B	A	A	A	A	B	C	C
16	C	C	B	A	A	A	A	B	C	C
17	C	C	B	A	A	A	A	B	C	C
18	C	C	B	A	A	A	A	B	C	C
19	C	C	B	A	A	A	A	B	C	C
20	C	C	B	A	A	A	A	B	C	C
21	C	C	B	A	A	A	A	B	C	C
22	C	C	B	A	A	A	A	B	C	C
23	C	C	B	A	A	A	A	B	C	C
24	C	C	B	A	A	A	A	B	C	C
25	C	C	B	A	A	A	A	B	C	C

RECOMMENDED PCB-HOLE LAYOUT
COMPONENT SIDE SHOWN



PLATED THRU HOLES PARAMETERS

REFERENCE APPLICATION SPECIFICATION

 OBSOLETE	  	1-646355-9
	  	646355-9
	 	646355-4
	 	646355-4
	FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 19JUL05 S. WAITMAN		Tycos Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS:		CHK 19JUL05 G. SKIPPER		NAME	
mm		APVD 19JUL05 G. SKIPPER		MALE ASSEMBLY, Z-PACK 2mm HM, TYPE E	
TOLERANCES, UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC 108-1622		APPLICATION SPEC 114-19029	
		0 PLC ± - 1 PLC ± 0.1 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± 1°		SIZE A1 00779	
MATERIAL		FINISH		DRAWING NO C=646355	
		SEE TABLE		RESTRICTED -	
		WEIGHT		SCALE 4:1	
		CUSTOMER DRAWING		SHEET 1 OF 2	
				REV	

8

7

6

5

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

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LOC

DIST

AD

00

REV

LTR

DESCRIPTION

DATE

DWN

APVD

—

SEE SHEET 1

—

—

—

1

MATERIAL:
CONTACT: PHOSPHOR BRONZE.
HOUSING: GLASS-FILLED POLYESTER.

2

GENERAL PLATING SPECIFICATION: UNDERPLATING
(ENTIRE CONTACT): 1.27µm MIN NICKEL AND ACTION
PIN: 0.5µm MIN TIN\LEAD.
FOR PLATING OF MATING SURFACES SEE APPLICABLE
SPECIFICATION REFERENCE FOR EACH DASH NUMBER.

3

CONFORMS TO ALL TESTING ACCORDING TO IEC 61076-4-101
PERFORMANCE LEVEL 2.

4

CONFORMS TO ALL TESTING ACCORDING TO IEC 61076-4-101
PERFORMANCE LEVEL 1.

5

CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE QUALITY LEVEL 3,
CENTRAL OFFICE APPLICATIONS.

6

CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE QUALITY LEVEL 3,
UNCONTROLLED ENVIROMENT APPLICATIONS.

7

CONNECTOR MARKED WITH PART NUMBER AND DATE CODE.
ADDITIONAL CHARACTERS OR MARKINGS, AS WELL AS THE LOCATION OF THE MARKINGS,
MAY BE ADDED FOR TRACEABILITY BASED UPON MANUFACTURERS DISCRETION.

8

PLATED-THROUGH HOLES AT 2x2mm SQUARE GRID
PATTERN DEFINED BY CONTACT LAYOUT.

9

FOR ACTUAL PIN LOADING SEE "CONTACT LAYOUT".

10

FOR ACTUAL PIN DIMENSIONS SEE "CONTACT DIMENSIONS".

11

TO BE MEASURED AT BOTTOM OF SHROUD.

12

CONNECTOR LUBRICATED WITH BELCORE APPROVED LUBRICANT,
TECHNICAL REFERENCE: TR-NWT-001217 ISSUE 1, SEP 1992.

13

OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

S. WAITMAN

19JUL05

CHK

G. SKIPPER

19JUL05

APVD

G. SKIPPER

19JUL05

DIMENSIONS:

mm

0. PLC

±

—

1. PLC

±

0.1

2. PLC

±

—

3. PLC

±

—

4. PLC

±

—

ANGLES

±

± 1°

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0. PLC ± —

1. PLC ± 0.1

2. PLC ± —

3. PLC ± —

4. PLC ± —

ANGLES ± ± 1°

PRODUCT SPEC

108-1622

APPLICATION SPEC

114-19029

MATERIAL

SEE SHEET 1

FINISH

SEE SHEET 1

WEIGHT

—

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A1

00779

646355

—

CUSTOMER DRAWING

SCALE

4:1

SHEET

2

OF

2

REV

C1

Tyco

Electronics

Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

NAME

MALE ASSEMBLY, Z-PACK 2mm HM,
TYPE E

AMP 4805 REV 31MAR2000