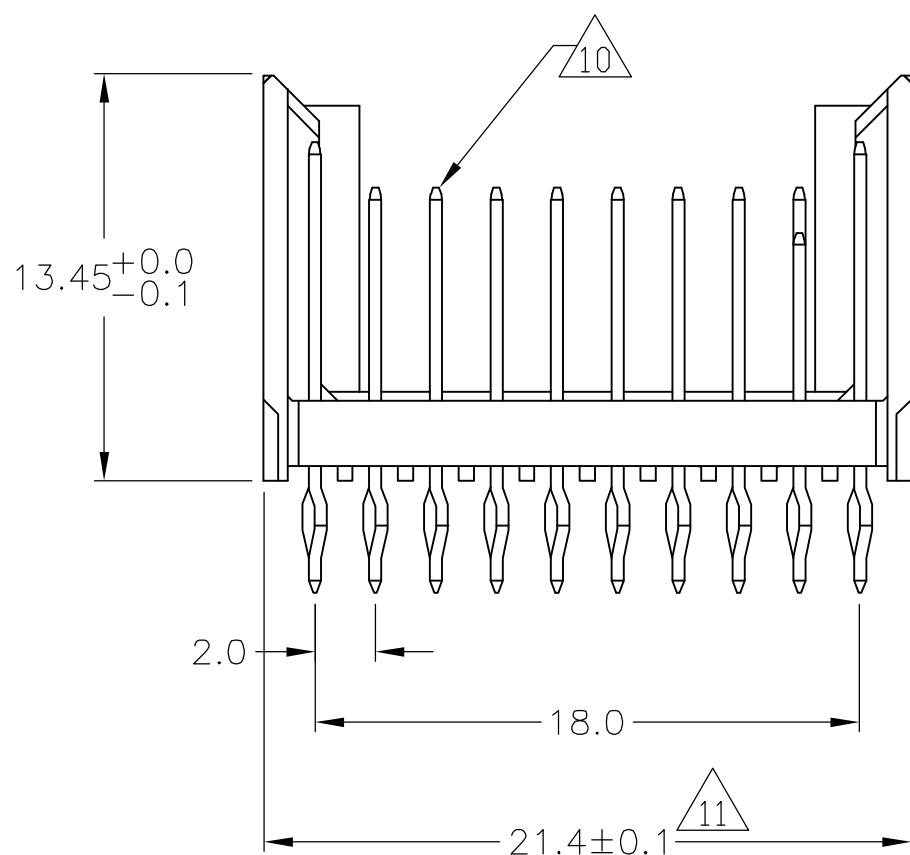
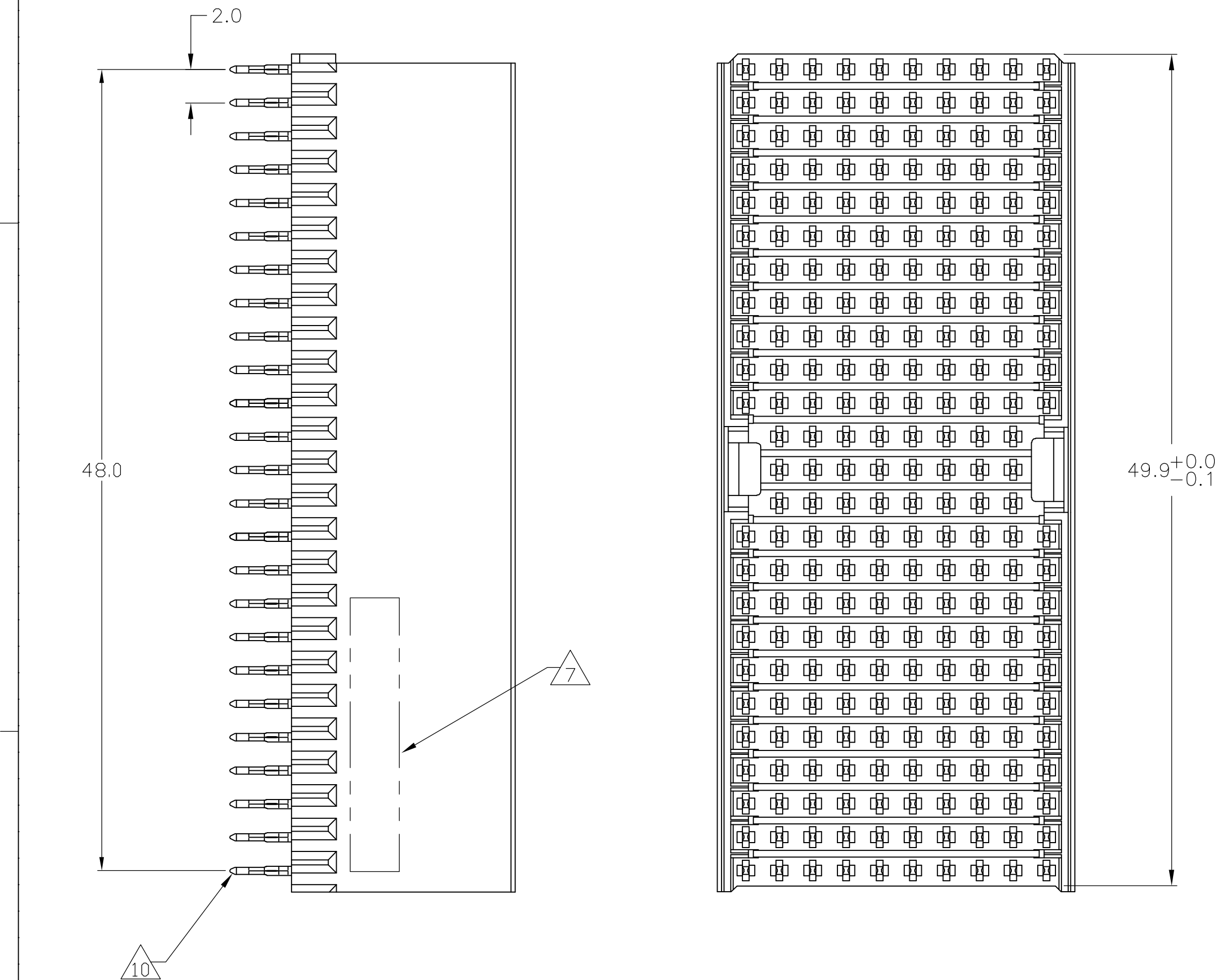
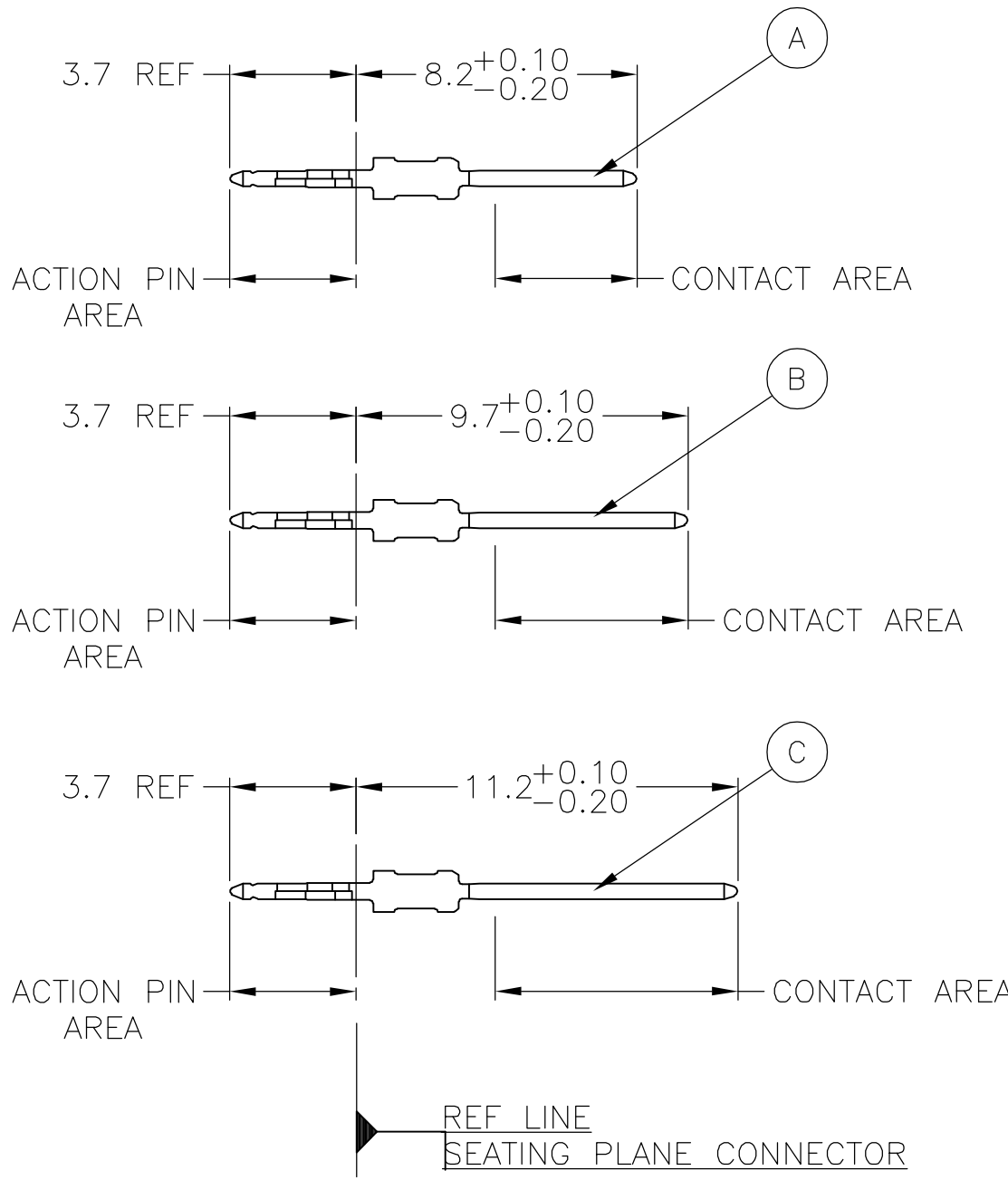


CONNECTOR ASSEMBLY  
EXAMPLARY LOADED



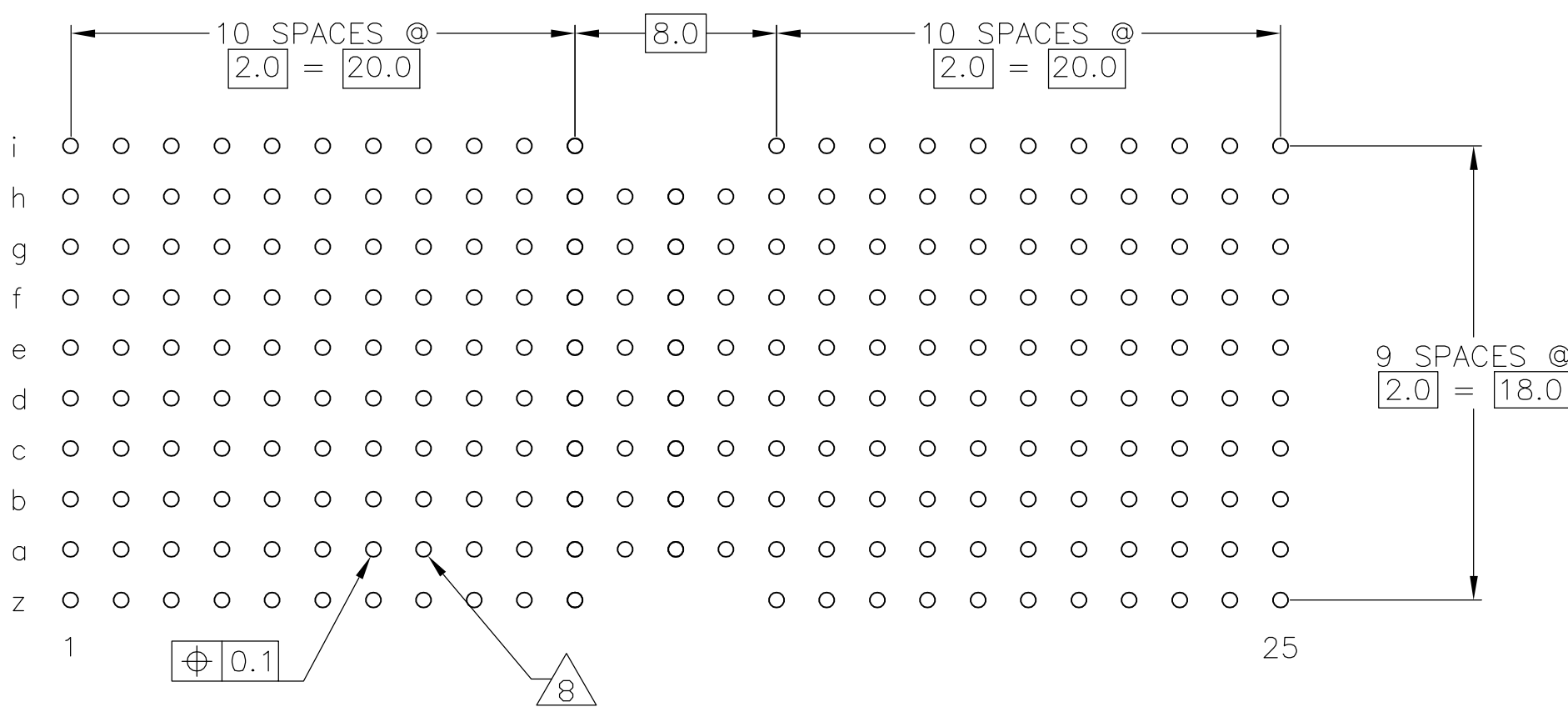
CONTACT DIMENSIONS  
SCALE 5:1



CONTACT LAYOUT

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

RECOMMENDED PCB-HOLE LAYOUT  
COMPONENT SIDE SHOWN



PLATED THRU HOLES PARAMETERS  
REFERENCE APPLICATION SPECIFICATION

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0. PLC ± -

1. PLC ± 0.1

2. PLC ± -

3. PLC ± -

4. PLC ± -

ANGLES ± -

SEE TABLE

DWN  
S. WAITMAN  
15JUL05

CHK  
G. SKIPPER  
15JUL05

APVD  
G. SKIPPER  
15JUL05

PRODUCT SPEC  
108-1622

APPLICATION SPEC  
114-19029

NAME  
MALE ASSEMBLY, Z-PACK 2mm HM, TYPE D/E

SIZE  
A1

CAGE CODE  
00779

DRAWING NO  
646904

RESTRICTED TO  
-

CUSTOMER DRAWING

SCALE  
4:1

SHEET  
1

OF  
2

REV  
A

tyco  
Electronics

Tyco Electronics Corporation  
Harrisburg, Pa 17105-3608

AMP 4805 REV 31MAR2000

8

7

6

5

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

© COPYRIGHT

BY TYCO ELECTRONICS CORPORATION.

ALL RIGHTS RESERVED.

LOC

DIST

AD

00

P

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.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

S.WAITMAN

15JUL05

CHK

G.SKIPPER

15JUL05

APVD

G.SKIPPER

15JUL05

DIMENSIONS:

mm

0

PLC

±

-

1

PLC

±

0.1

2

PLC

±

-

3

PLC

±

-

4

PLC

±

-

ANGLES

±

-

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

±

-

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

±

0.1

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

±

-

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

±

-

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

±

-

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

±

-

MATERIAL

SEE SHEET 1

FINISH

SEE SHEET 1

WEIGHT

-

CUSTOMER DRAWING

SIZE

A1

CAGE CODE

00779

DRAWING NO

646904

RESTRICTED TO

-

NAME

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

SCALE

4:1

SHEET

2

OF

2

REV

A

tyco

Electronics

Tyco Electronics Corporation

Harriaburg, Pa 17105-3608

AMP 4805 REV 31MAR2000