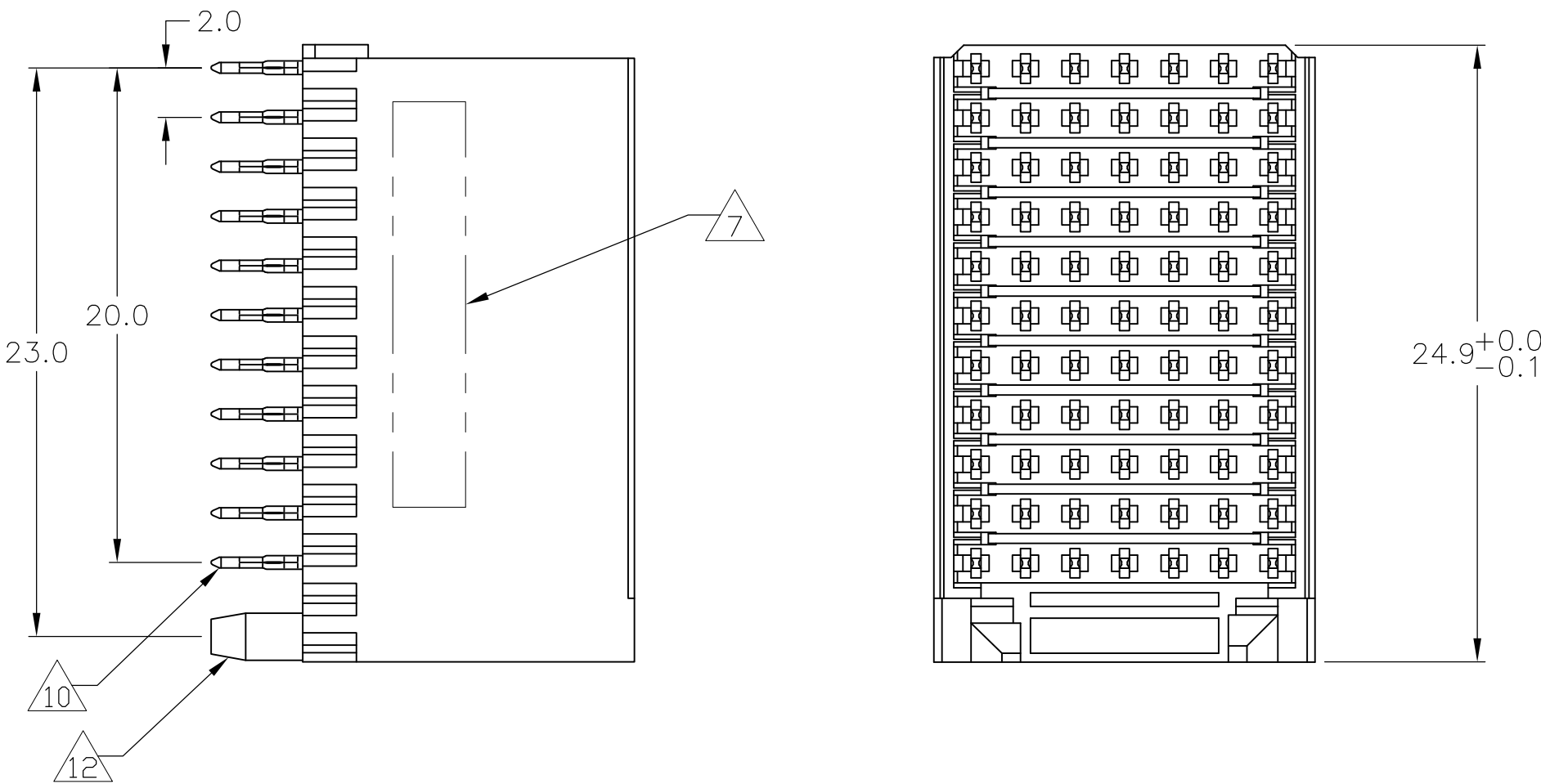


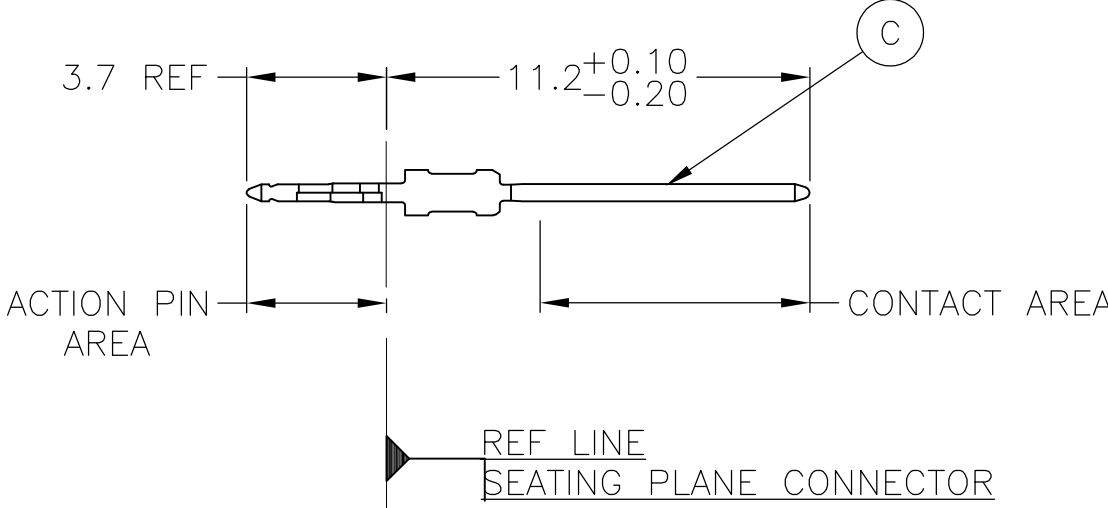
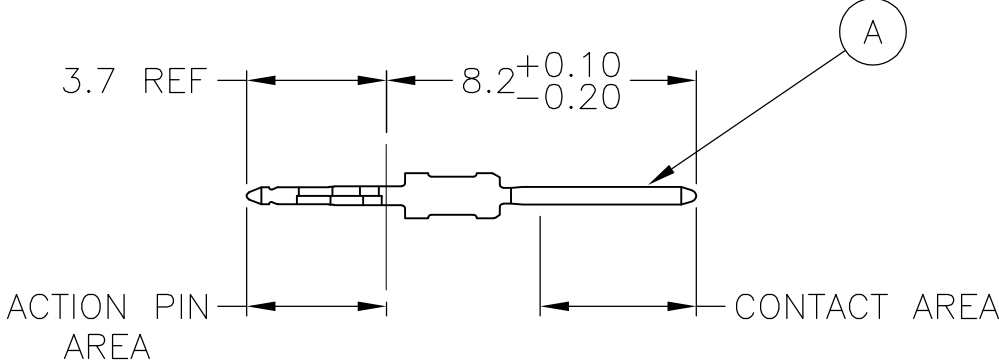
| LOC | DIST | REVISIONS |               |               |           |            |
|-----|------|-----------|---------------|---------------|-----------|------------|
|     |      | F         | LTR           | DESCRIPTION   | DATE      | DWN   APVD |
| AD  | 00   | H2        | REV PER       | ECO-10-001916 | 02FEB2010 | JY   SY    |
|     |      | J         | ECR-10-018652 |               | 10SEP10   | SW   MQW   |

CONNECTOR ASSEMBLY  
EXAMPLARY LOADED



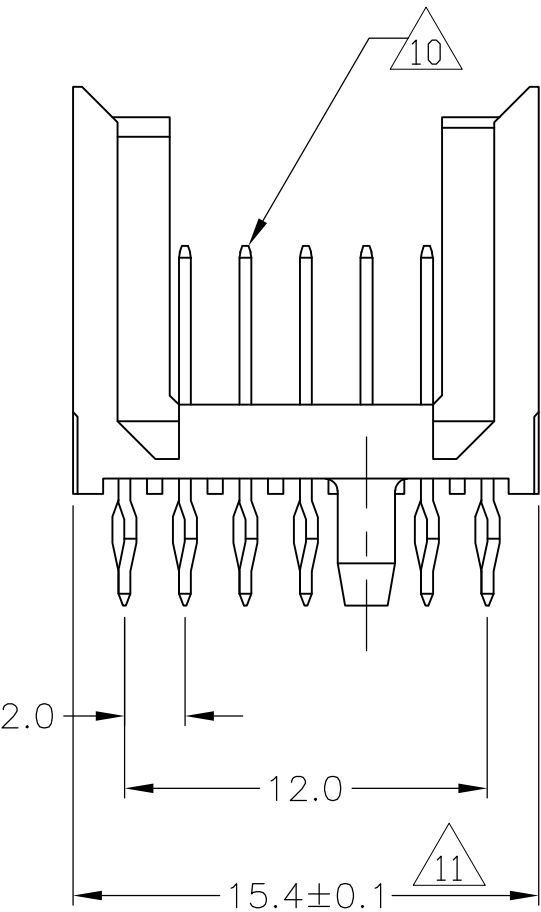
CONTACT DIMENSIONS

SCALE 5:1

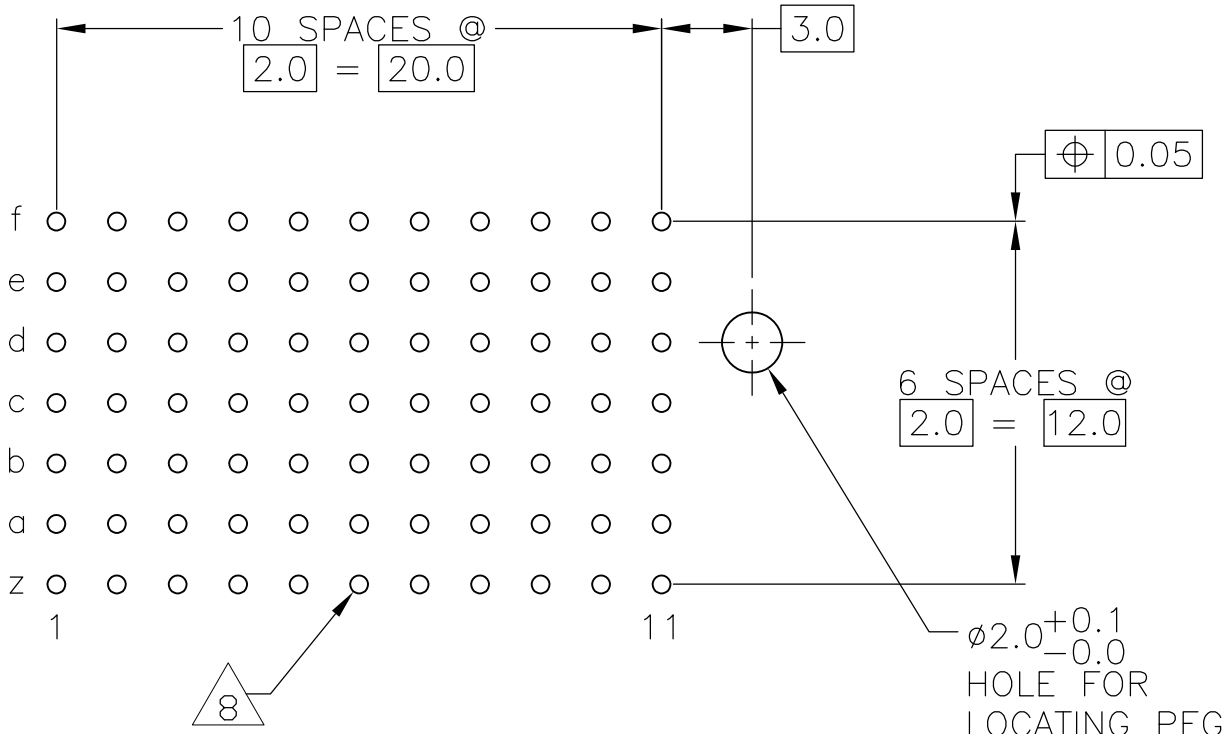


CONTACT LAYOUT

|         | z | a | b | c | d | e | f |
|---------|---|---|---|---|---|---|---|
| 1       | C | A | A | A | A | A | C |
| 2       | C | A | A | A | A | A | C |
| 3       | C | A | A | A | A | A | C |
| 4       | C | A | A | A | A | A | C |
| 5       | C | A | A | A | A | A | C |
| 6       | C | A | A | A | A | A | C |
| 7       | C | A | A | A | A | A | C |
| 8       | C | A | A | A | A | A | C |
| 9       | C | A | A | A | A | A | C |
| 10      | C | A | A | A | A | A | C |
| 11      | C | A | A | A | A | A | C |
| GUIDING |   |   |   |   |   |   |   |



RECOMMENDED PCB-HOLE LAYOUT  
COMPONENT SIDE SHOWN



PLATED THRU HOLES PARAMETERS

REFERENCE APPLICATION SPECIFICATION

|                |        |             |
|----------------|--------|-------------|
| OBSOLETE<br>14 | 2 3 15 | 3-106081-0  |
|                | 2 6 13 | 1-106081-9  |
|                | 2 5 13 | 106081-9    |
|                | 2 4    | 106081-4    |
|                | 2 3    | 106081-1    |
| FINISH         |        | PART NUMBER |

|                                                                                                                                           |  |                               |                                                           |          |
|-------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------|-----------------------------------------------------------|----------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                                                                    |  | DWN<br>B CARBO<br>24JAN05     | Tyco Electronics Corporation<br>Harrisburg, Pa 17105-3608 |          |
| DIMENSIONS:<br>mm                                                                                                                         |  | CHK<br>G SKIPPER<br>24JAN05   | NAME                                                      |          |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0-PLD ±<br>1-PLD ±0.2<br>2-PLD ±0.02<br>3-PLD ±0.005<br>4-PLD ±<br>ANGLES ±<br>FINISH SEE TABLE |  | APVD<br>G SKIPPER<br>24JAN05  | PRODUCT SPEC<br>108-19082                                 |          |
| MATERIAL<br>1                                                                                                                             |  | APPLICATION SPEC<br>114-19029 | SIZE<br>A1                                                |          |
| CUSTOMER DRAWING                                                                                                                          |  | WEIGHT<br>-                   | RESTRICTED TO<br>-                                        |          |
| SCALE<br>4:1                                                                                                                              |  | SHEET<br>1 OF 2               |                                                           | REV<br>J |



8

7

6

5

4

3

2

1

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RELEASED FOR PUBLICATION

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LOC

DIST

AD

00

REV

DATE

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

LOCATION PEG.

13

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

14

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

15

0.76µm MIN GOLD PLATING AT MATING SURFACES.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

B CARBO

24JAN05

CHK

G.SKIPPER

24JAN05

APVD

G.SKIPPER

24JAN05

DIMENSIONS:

mm

0-PLG

1-PLG

2-PLG

3-PLG

4-PLG

ANGLES

±

±0.2

±0.02

±0.005

±0.30°

MATERIAL

SEE SHEET 1

FINISH

SEE SHEET 1

WEIGHT

—

CUSTOMER DRAWING

DWN

B CARBO

24JAN05

CHK

G.SKIPPER

24JAN05

APVD

G.SKIPPER

24JAN05

PRODUCT SPEC

108-19082

APPLICATION SPEC

114-19029

SIZE

A1

CAGE CODE

00779

DRAWING NO

106081

RESTRICTED TO

—

SCALE

4:1

SHEET

2

OF

2

REV

J

Tyco

Electronics

Tyco Electronics Corporation

Harrisburg, Pa 17105-3608

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

AMP 4805 REV 31MAR2000