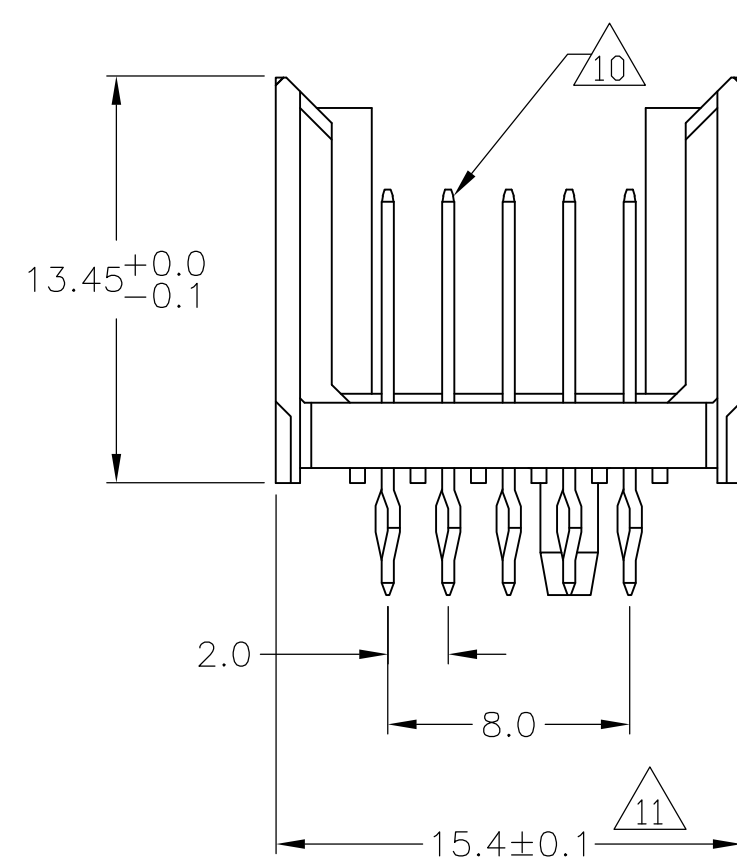
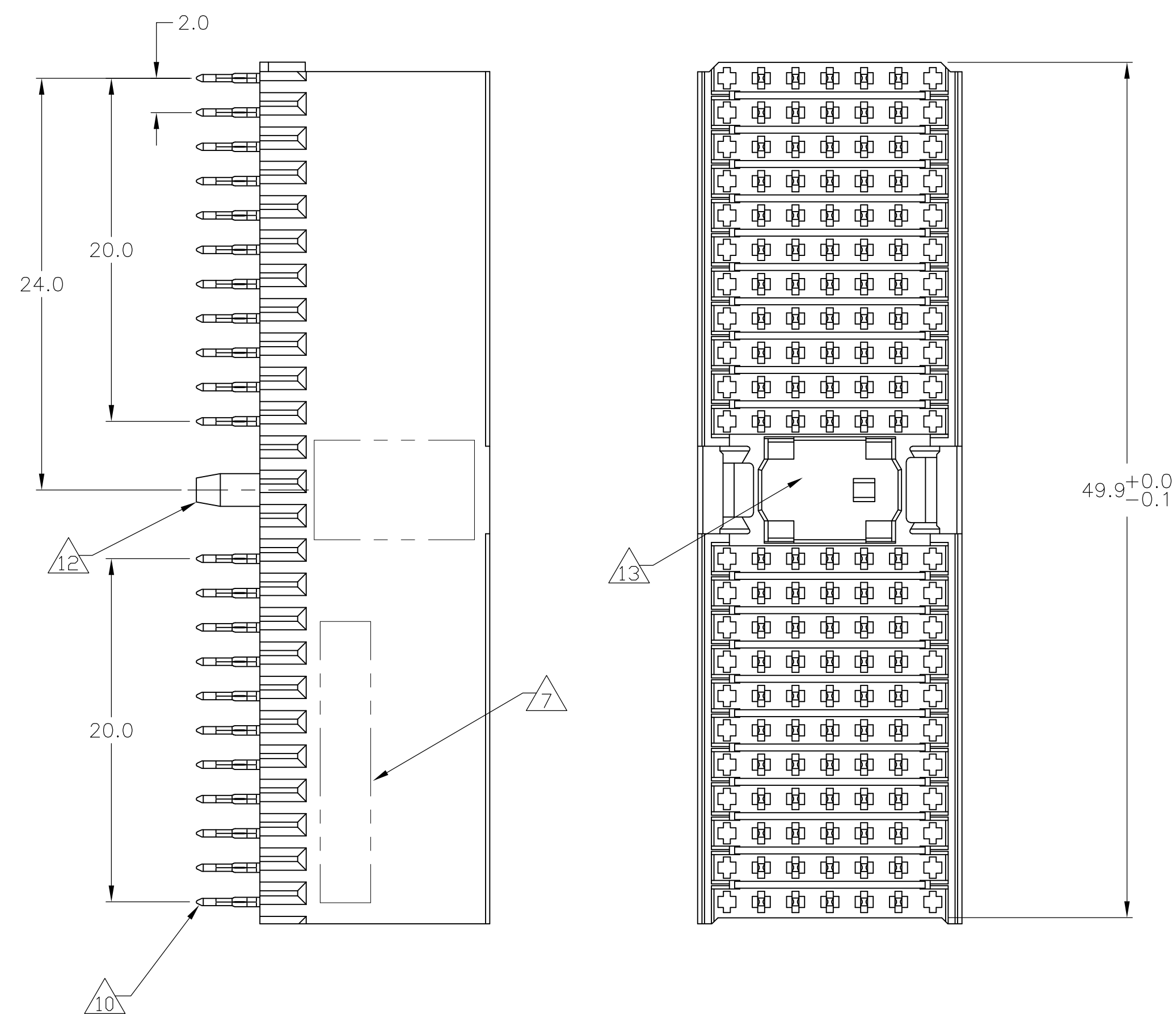


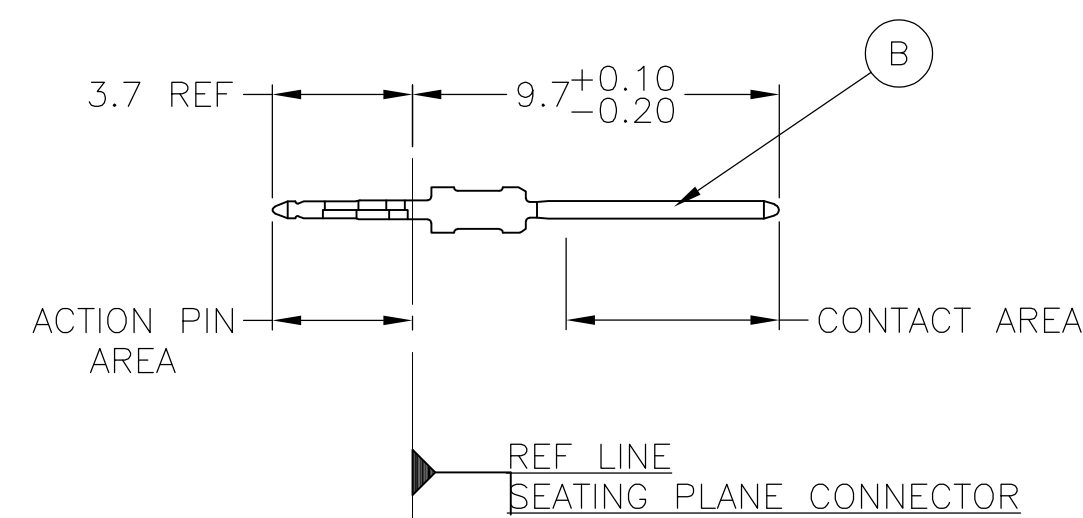
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CONNECTOR ASSEMBLY  
EXEMPLARY LOADED 



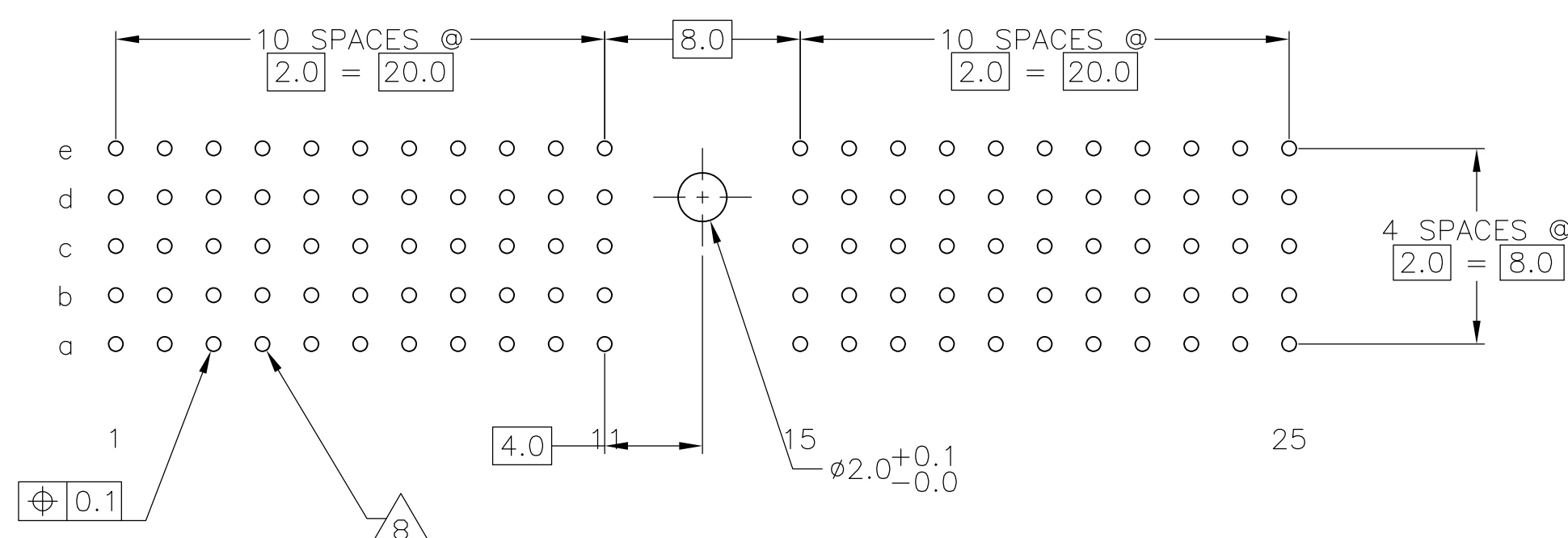
## CONTACT DIMENSIONS



## CONTACT LAYOUT

|    | z | a                    | b | c | d | e | f |
|----|---|----------------------|---|---|---|---|---|
| 1  |   | B                    | B | B | B | B |   |
| 2  |   | B                    | B | B | B | B |   |
| 3  |   | B                    | B | B | B | B |   |
| 4  |   | B                    | B | B | B | B |   |
| 5  |   | B                    | B | B | B | B |   |
| 6  |   | B                    | B | B | B | B |   |
| 7  |   | B                    | B | B | B | B |   |
| 8  |   | B                    | B | B | B | B |   |
| 9  |   | B                    | B | B | B | B |   |
| 10 |   | B                    | B | B | B | B |   |
| 11 |   | B                    | B | B | B | B |   |
|    |   | MULTI PURPOSE CENTER |   |   |   |   |   |
| 15 |   | B                    | B | B | B | B |   |
| 16 |   | B                    | B | B | B | B |   |
| 17 |   | B                    | B | B | B | B |   |
| 18 |   | B                    | B | B | B | B |   |
| 19 |   | B                    | B | B | B | B |   |
| 20 |   | B                    | B | B | B | B |   |
| 21 |   | B                    | B | B | B | B |   |
| 22 |   | B                    | B | B | B | B |   |
| 23 |   | B                    | B | B | B | B |   |
| 24 |   | B                    | B | B | B | B |   |
| 25 |   | B                    | B | B | B | B |   |

**RECOMMENDED** PCB-HOLE LAYOUT  
COMPONENT SIDE SHOWN



## PLATED THRU HOLES PARAMETERS

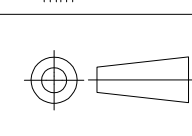
## REFERENCE APPLICATION SPECIFICATION

|          |                                                                                       |                                                                                       |                                                                                       |                |
|----------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------|
|          |  |  |  | 3-188398-0     |
|          |  |  |  | 1-188398-9     |
|          |  |  |  | 188398-9       |
|          |  |  |                                                                                       | 188398-4       |
| OBSOLETE |  |  |                                                                                       | —188398-1—     |
|          | FINISH                                                                                |                                                                                       |                                                                                       | PART<br>NUMBER |

|                                                                                                   |  |                                                                                                                                       |  |                                                           |  |
|---------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                            |  | DWN 130EC05<br><b>B CARBO</b><br>OK 130EC05<br><b>G SKIPPER</b>                                                                       |  | Tyco Electronics Corporation<br>Harrisburg, Pa 17105-3608 |  |
| DIMENSIONS:<br>mm                                                                                 |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0-PLG ±0.1<br>1-PLG ±0.1<br>2-PLG ±0.1<br>3-PLG ±0.1<br>4-PLG ±0.1<br>ANGLES ±0.1<br>FINISH |  | NAME<br>MALE ASSEMBLY, Z-PACK 2mm HM,<br>TYPE A           |  |
|              |  | APVD 130EC05<br><b>G SKIPPER</b><br>PRODUCT SPEC<br>108-19082<br>APPLICATION SPEC<br>114-19029                                        |  | SIZE CAGE CODE DRAWING NO<br>A1 00779 C-188398            |  |
| MATERIAL<br> |  | WEIGHT<br>—                                                                                                                           |  | RESTRICTED TO<br>—                                        |  |
| SEE TABLE                                                                                         |  | CUSTOMER DRAWING                                                                                                                      |  | SCALE 4:1 SHEET 1 OF 2 REV F                              |  |

| LOC | DIST | REVISIONS |     |             |      |     |
|-----|------|-----------|-----|-------------|------|-----|
| AD  | 00   | P         | LTR | DESCRIPTION | DATE | OWN |
|     |      | —         | —   | 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 POLARIZATION FEATURE.
- 13 AREA RESERVED FOR KEYING PART (BASIC P/N 100525).
- 14 CONNECTOR LUBRICATED WITH BELCORE APPROVED LUBRICANT,  
TECHNICAL REFERENCE: TR-NWT-001217 ISSUE 1, SEP 1992.
- 15 0.76µm MIN GOLD PLATING AT MATING SURFACES.

|                                                                                       |  |                                           |  |                  |                   |                              |              |                                         |                      |                    |
|---------------------------------------------------------------------------------------|--|-------------------------------------------|--|------------------|-------------------|------------------------------|--------------|-----------------------------------------|----------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  |                                           |  | DWN<br>B CARBO   | 13DEC05           | Tyco Electronics Corporation |              |                                         |                      |                    |
|                                                                                       |  |                                           |  | CHK<br>G SKIPPER | 13DEC05           | Harrisburg, Pa 17105-3608    |              |                                         |                      |                    |
| DIMENSIONS:<br>mm                                                                     |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |  |                  | APVD<br>G SKIPPER | 13DEC05                      | NAME         | MALE ASSEMBLY, Z-PACK 2mm HM,<br>TYPE A |                      |                    |
|  |  | ±0.2                                      |  |                  | PRODUCT SPEC      |                              | 108-19082    |                                         |                      |                    |
|                                                                                       |  |                                           |  |                  | APPLICATION SPEC  |                              | 114-19029    |                                         |                      |                    |
| MATERIAL<br>SEE SHEET 1                                                               |  | FINISH<br>SEE SHEET 1                     |  |                  | WEIGHT<br>—       |                              | SIZE<br>A1   | CAGE CODE<br>00779                      | DRAWING NO<br>188398 | RESTRICTED TO<br>— |
| CUSTOMER DRAWING                                                                      |  |                                           |  |                  |                   |                              |              |                                         |                      |                    |
|                                                                                       |  |                                           |  |                  |                   |                              | SCALE<br>4:1 | SHEET<br>2                              | OF<br>2              | REV<br>F           |

## Данный компонент на территории Российской Федерации

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Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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