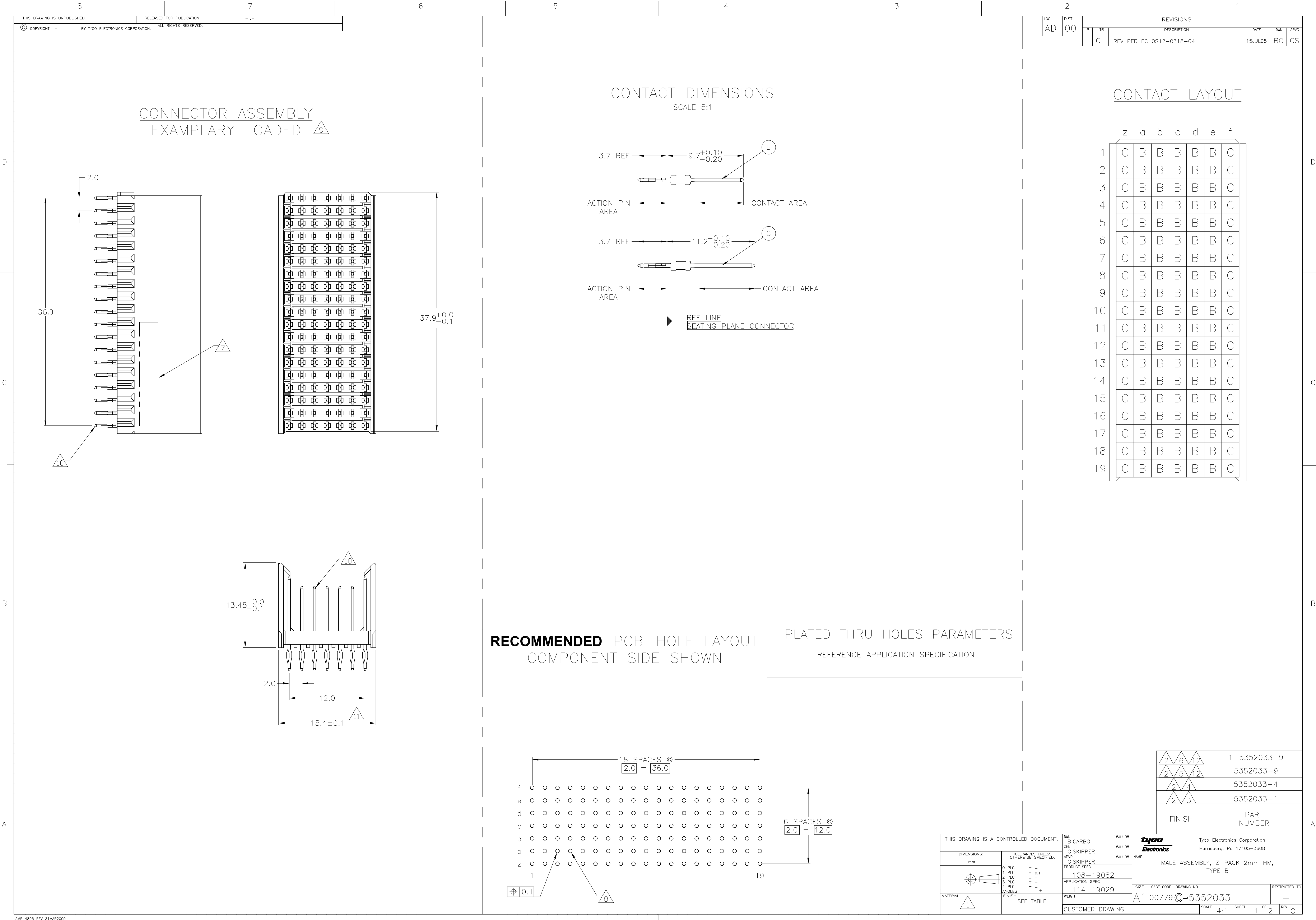




RECOMMENDED PCB-HOLE LAYOUT  
COMPONENT SIDE SHOWN

18 SPACES @  
2.0 = 36.0

6 SPACES @  
2.0 = 12.0

1

19

0.1

8

PLATED THRU HOLES PARAMETERS  
REFERENCE APPLICATION SPECIFICATION

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWNB CARBO15JUL05

CHKG. SKIPPER15JUL05

APVDG. SKIPPER15JUL05

PRODUCT SPEC108-19082

APPLICATION SPEC114-19029

WEIGHT-

CUSTOMER DRAWING

tyco  
Electronics

Tyco Electronics Corporation  
Harrisburg, Pa 17105-3608

NAMEMALE ASSEMBLY, Z-PACK 2mm HM,  
TYPE B

SIZEA1

CAGE CODE00779

DRAWING NO5352033

RESTRICTED TO-

SCALE4:1

SHEET1 OF 2

REV0

| LOC | DIST | REVISIONS |     |             |      |     |
|-----|------|-----------|-----|-------------|------|-----|
| AD  | 00   | P         | LTR | DESCRIPTION | DATE | DWN |
|     |      | —         | —   | 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.  
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<br>B CARBO            | 15JUL05                       | <b>tyco</b><br><i>Electronics</i>               | Tyco Electronics Corporation<br>Harriaburg, Pa 17105-3608 |         |                    |                         |                    |
|                                                                                       |             | CHK<br>G SKIPPER          | 15JUL05                       |                                                 |                                                           |         |                    |                         |                    |
| DIMENSIONS:                                                                           |             | APVD<br>G SKIPPER         | 15JUL05                       | NAME<br>MALE ASSEMBLY, Z-PACK 2mm HM,<br>TYPE B |                                                           |         |                    |                         |                    |
| mm                                                                                    |             | PRODUCT SPEC<br>108-19082 |                               |                                                 |                                                           |         |                    |                         |                    |
|  | 0 PLC       | ± -                       | APPLICATION SPEC<br>114-19029 | SIZE<br>A1                                      |                                                           |         | CAGE CODE<br>00779 | DRAWING NO<br>C=5352033 | RESTRICTED TO<br>- |
|                                                                                       | 1 PLC       | ± 0.1                     |                               |                                                 |                                                           |         |                    |                         |                    |
|                                                                                       | 2 PLC       | ± -                       |                               |                                                 |                                                           |         |                    |                         |                    |
|                                                                                       | 3 PLC       | ± -                       |                               |                                                 |                                                           |         |                    |                         |                    |
| ANGLES                                                                                |             | 4 PLC                     | ± -                           |                                                 |                                                           |         |                    |                         |                    |
| FINISH                                                                                |             | ANGLES                    | ± -                           |                                                 |                                                           |         |                    |                         |                    |
| MATERIAL<br>SEE SHEET 1                                                               | SEE SHEET 1 | WEIGHT<br>-               |                               |                                                 |                                                           |         |                    |                         |                    |
| CUSTOMER DRAWING                                                                      |             |                           |                               |                                                 |                                                           |         |                    |                         |                    |
|                                                                                       |             |                           |                               | SCALE<br>4:1                                    | SHEET<br>2                                                | OF<br>2 | REV<br>0           |                         |                    |