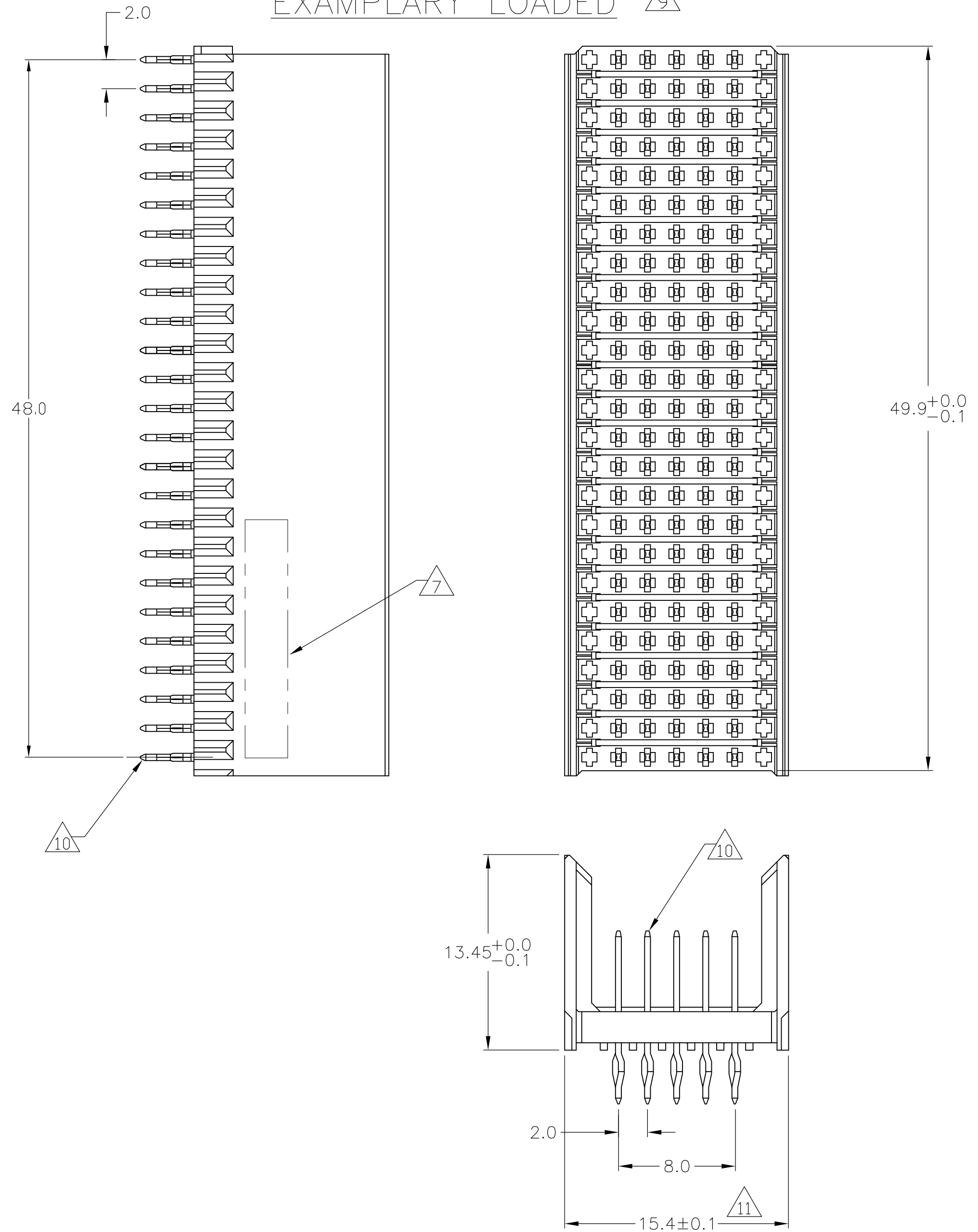
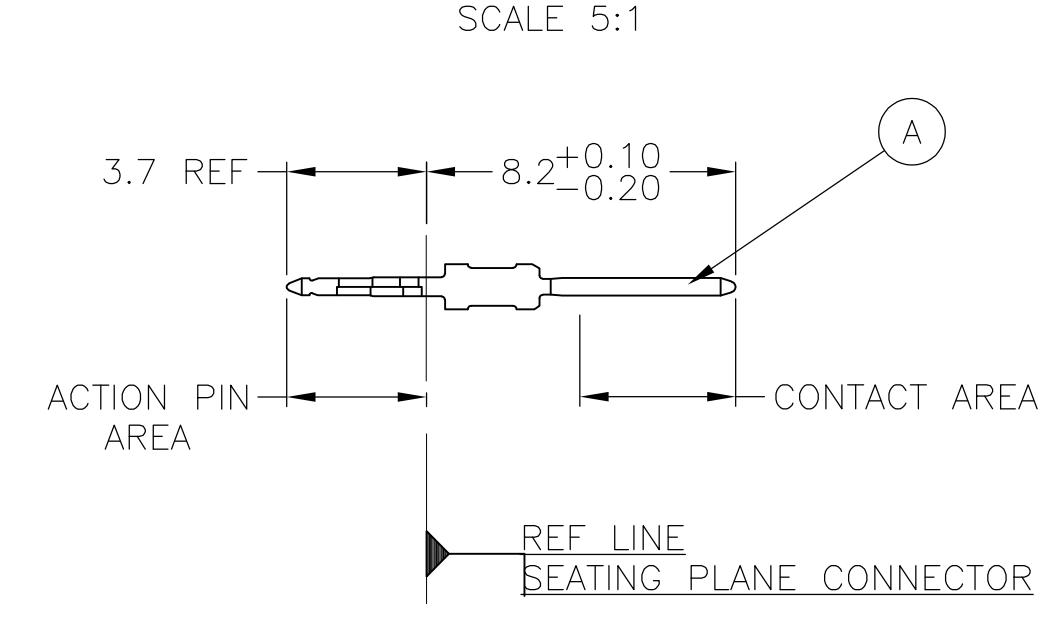


CONNECTOR ASSEMBLY EXAMPLARY LOADED



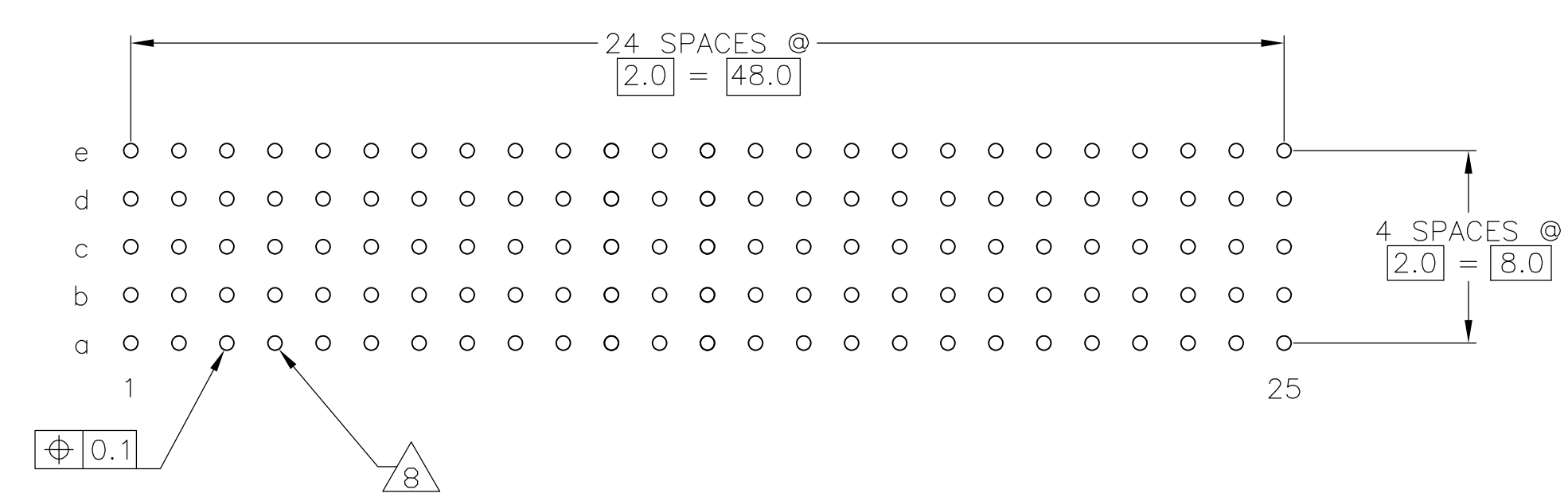
CONTACT DIMENSIONS



CONTACT LAYOUT

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

RECOMMENDED PCB-HOLE LAYOUT COMPONENT SIDE SHOWN



PLATED THRU HOLES PARAMETERS

REFERENCE APPLICATION SPECIFICATION

| | | |
|----------|--------|-------------|
| OBSOLETE | 2 3 14 | 3-5100141-0 |
| | 2 6 12 | +-5100141-9 |
| | 2 5 12 | 5100141-9 |
| | 2 4 | 5100141-4 |
| | 2 3 | 5100141-1 |
| FINISH | | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

| | | | | |
|------------------|--|------------------------------|-------------------------|--|
| DIMENSIONS: mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: | DWN: B. CARBO 24JAN05 | CHK: G. SKIPPER 24JAN05 | NAME: MALE ASSEMBLY, Z-PACK 2mm HM, TYPE B |
| 0-PLC ±0.1 | 1-PLC ±0.1 | 2-PLC ±0.1 | 3-PLC ±0.1 | 4-PLC ±0.1 |
| ANGLES ± | FINISH SEE TABLE | APPROVED: G. SKIPPER 24JAN05 | PRODUCT SPEC: 108-19082 | APPLICATION SPEC: 114-19029 |
| MATERIAL: 1 | WEIGHT: - | SIZE: A1 | CAGE CODE: 00779 | DRAWING NO: 5100141 |
| CUSTOMER DRAWING | | SCALE: 4:1 | | SHEET: 1 OF 2 |

| LOC | | DIST | | REVISIONS | | | |
|-----|-----|-------------|------|-----------|------|---|---|
| P | LTR | DESCRIPTION | DATE | DN | 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.
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
- 14 0.76µm MIN. GOLD PLATING AT MATING SURFACES.

| | | | | | |
|--|--|-----------------------|--|---|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DIN B CARBO 24JAN05 | | TE Connectivity | |
| DIMENSIONS: mm | | GSKIPPER 24JAN05 | | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: ±0.2 | | APVD GSKIPPER 24JAN05 | | NAME | |
| 0-PLC ± 1-PLC ±0.1 2-PLC ± 3-PLC ± 4-PLC ± ANGLES ± | | PRODUCT SPEC | | MALE ASSEMBLY, Z-PACK 2mm HM, TYPE B | |
| MATERIAL SEE SHEET 1 | | APPLICATION SPEC | | SIZE | |
| FINISH SEE SHEET 1 | | 114-19029 | | CAGE CODE DRAWING NO | |
| WEIGHT | | A1 00779 | | DRAWING NO | |
| CUSTOMER DRAWING | | C=5100141 | | RESTRICTED TO | |
| SCALE 4:1 | | SHEET 2 OF 2 | | REV C1 | |