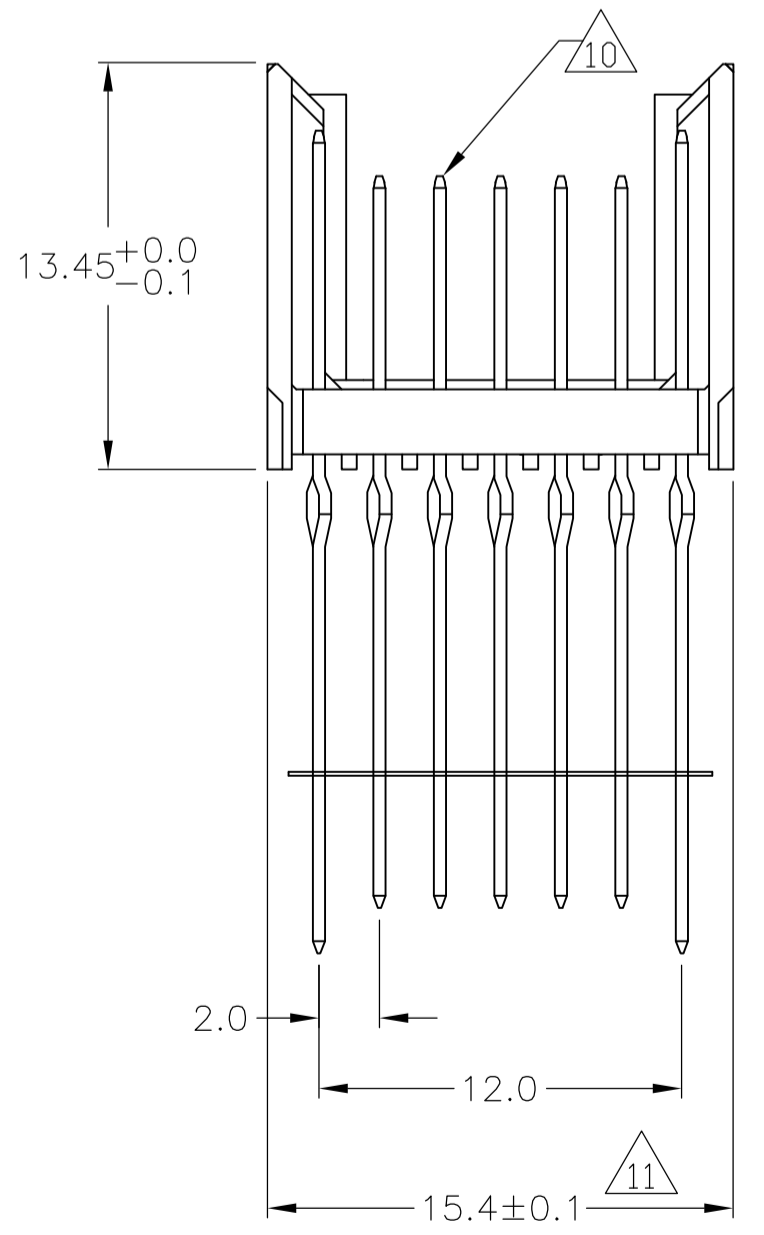
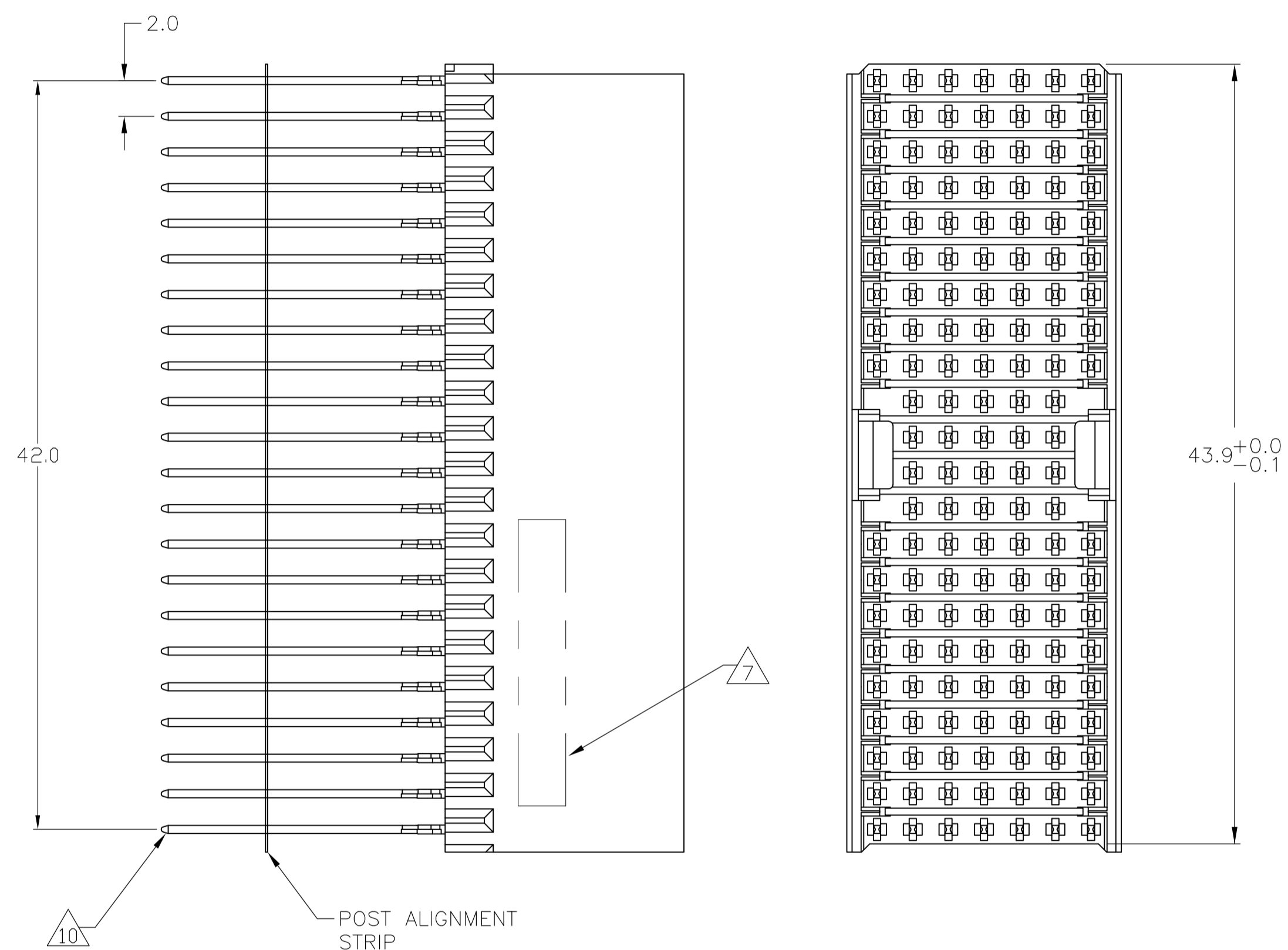


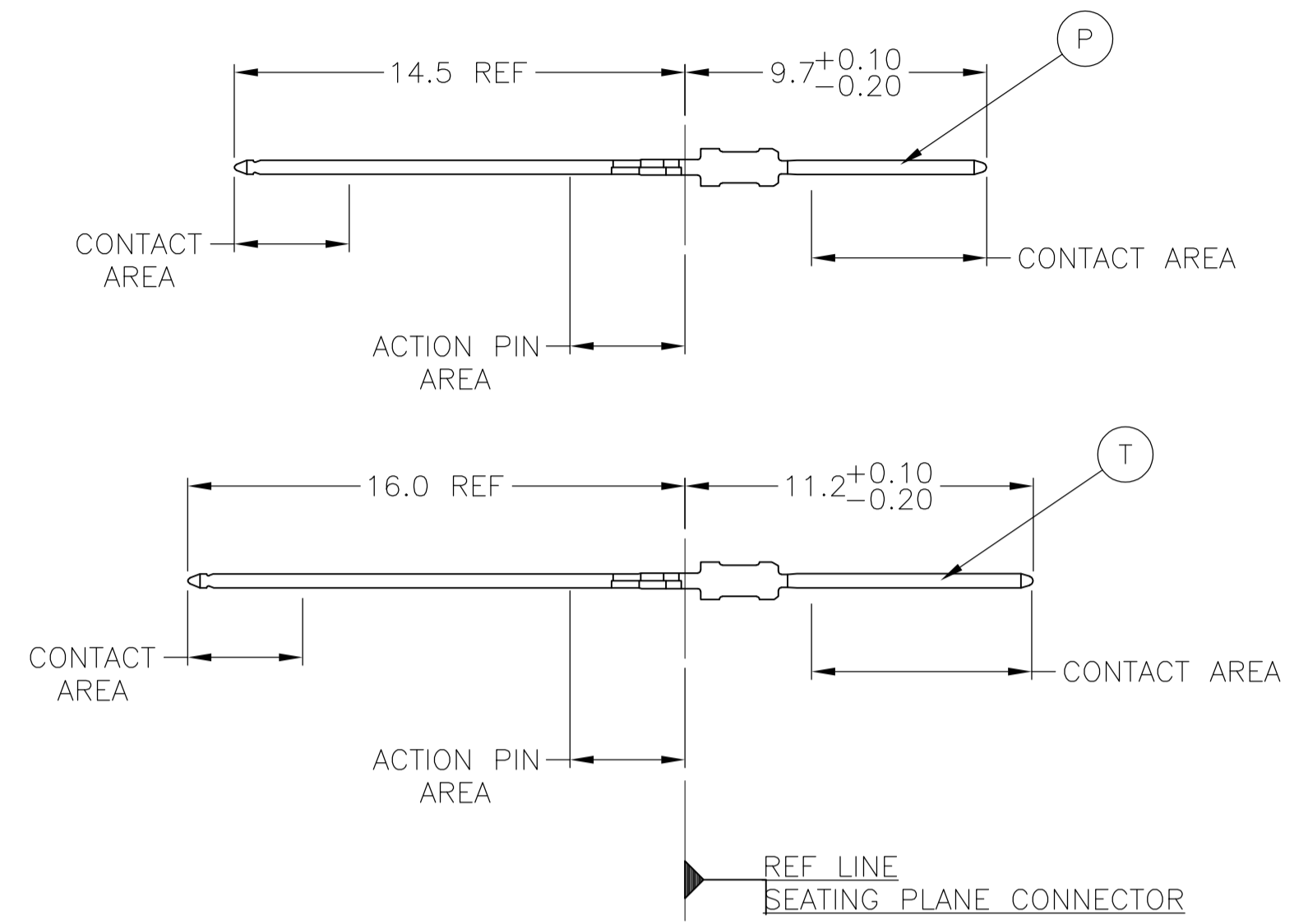
| LOC | | DIST | | REVISIONS | | | |
|-----|-----|------------------------------|---------|-----------|------|--|--|
| P | LTR | DESCRIPTION | DATE | DNW | APVD | | |
| B | | REVISED PER ECN 0512-0305-05 | 27APR06 | JDP | GES | | |
| C | | ECR-10-019054 | 15SEP10 | DP | MQW | | |
| D | | ECR-12-009864 | 07NOV12 | SY | AC | | |

CONNECTOR ASSEMBLY EXAMPLARY LOADED

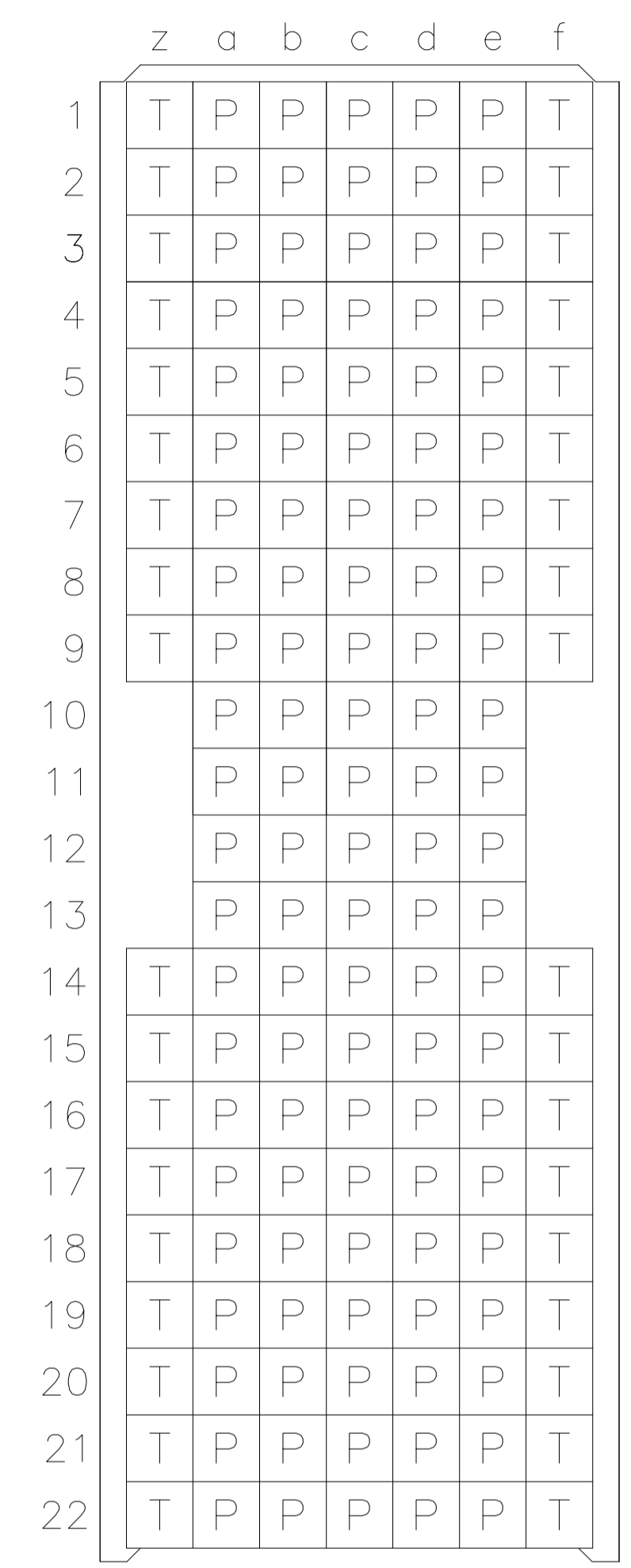


CONTACT DIMENSIONS

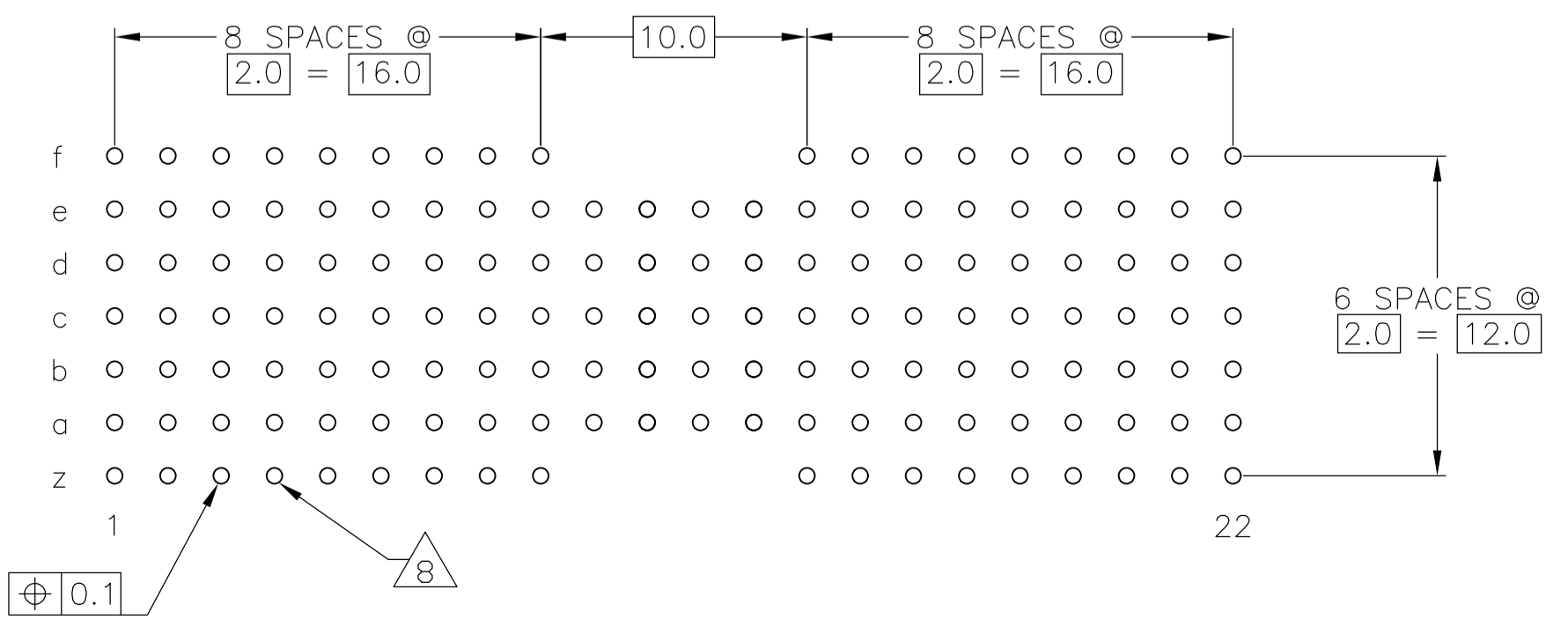
SCALE 5:1



CONTACT LAYOUT



RECOMMENDED PCB-HOLE LAYOUT COMPONENT SIDE SHOWN



PLATED THRU HOLES PARAMETERS

REFERENCE APPLICATION SPECIFICATION


| | | | |
|----------|---|-------------|---------------------|
| 2 | 6 | 12 | 1-646736-9 |
| 2 | 5 | 12 | 646736-9 |
| 2 | 4 | | 646736-4 |
| 2 | 3 | | 646736-1 |
| OBSOLETE | | | |
| FINISH | | PART NUMBER | |

THIS DRAWING IS A CONTROLLED DOCUMENT.

| | | | |
|----------------|--|---------------------|--|
| DIMENSIONS: mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: | DIN B CARBO 29JUL05 | Tyco Electronics Corporation Harrisburg, Pa 17105-3608 |
| 0-PLC ± | 1-PLC ±0.1 | 29JUL05 | 29JUL05 |
| 2-PLC ± | 3-PLC ± | 29JUL05 | 29JUL05 |
| 4-PLC ± | ANGLES | | |
| MATERIAL 1 | FINISH SEE TABLE | APVD G SKIPPER | NAME G SKIPPER |
| | | PRODUCT SPEC | 108-19082 |
| | | APPLICATION SPEC | 114-19029 |
| | | WEIGHT | A1 00779 C=646736 |
| | | CUSTOMER DRAWING | SCALE 4:1 SHEET 1 OF 2 REV D |

| LOC | DIST | REVISIONS | | | |
|-----|------|-------------|------|----|------|
| P | LTR | DESCRIPTION | DATE | DN | APVO |
| AD | 00 | 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. | | DIN B CARBO | 29JUL05 |  Tyco Electronics Corporation Harrisburg, Pa 17105-3608 | | |
| | | CHK G SKIPPER | 29JUL05 | | | |
| DIMENSIONS: mm | | TOLERANCES UNLESS OTHERWISE SPECIFIED: 0-PLC ± 1-PLC ± 0.1 2-PLC ± 3-PLC ± 4-PLC ± ANGLES ± | | APVO G SKIPPER 29JUL05 PRODUCT SPEC 108-19082 APPLICATION SPEC 114-19029 | NAME MALE ASSEMBLY, Z-PACK 2mm HM, TYPE A/B | |
| MATERIAL SEE SHEET 1 | FINISH SEE SHEET 1 | WEIGHT - | SIZE A1 | CAGE CODE 00779 | DRAWING NO 646736 | RESTRICTED TO - |
| CUSTOMER DRAWING | | | SCALE 4:1 | SHEET 2 | OF 2 | REV D |