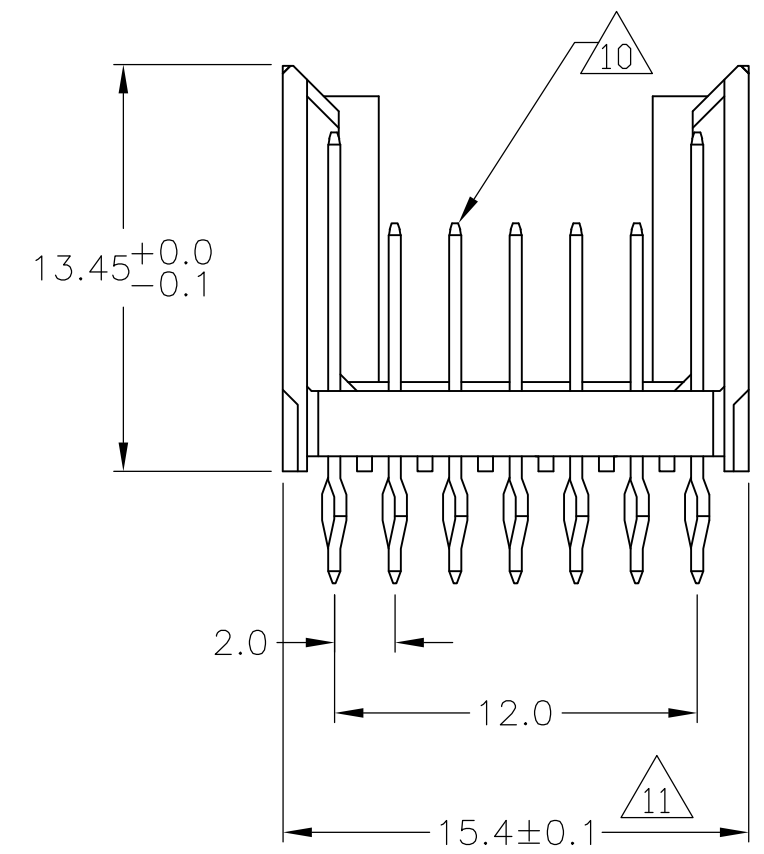
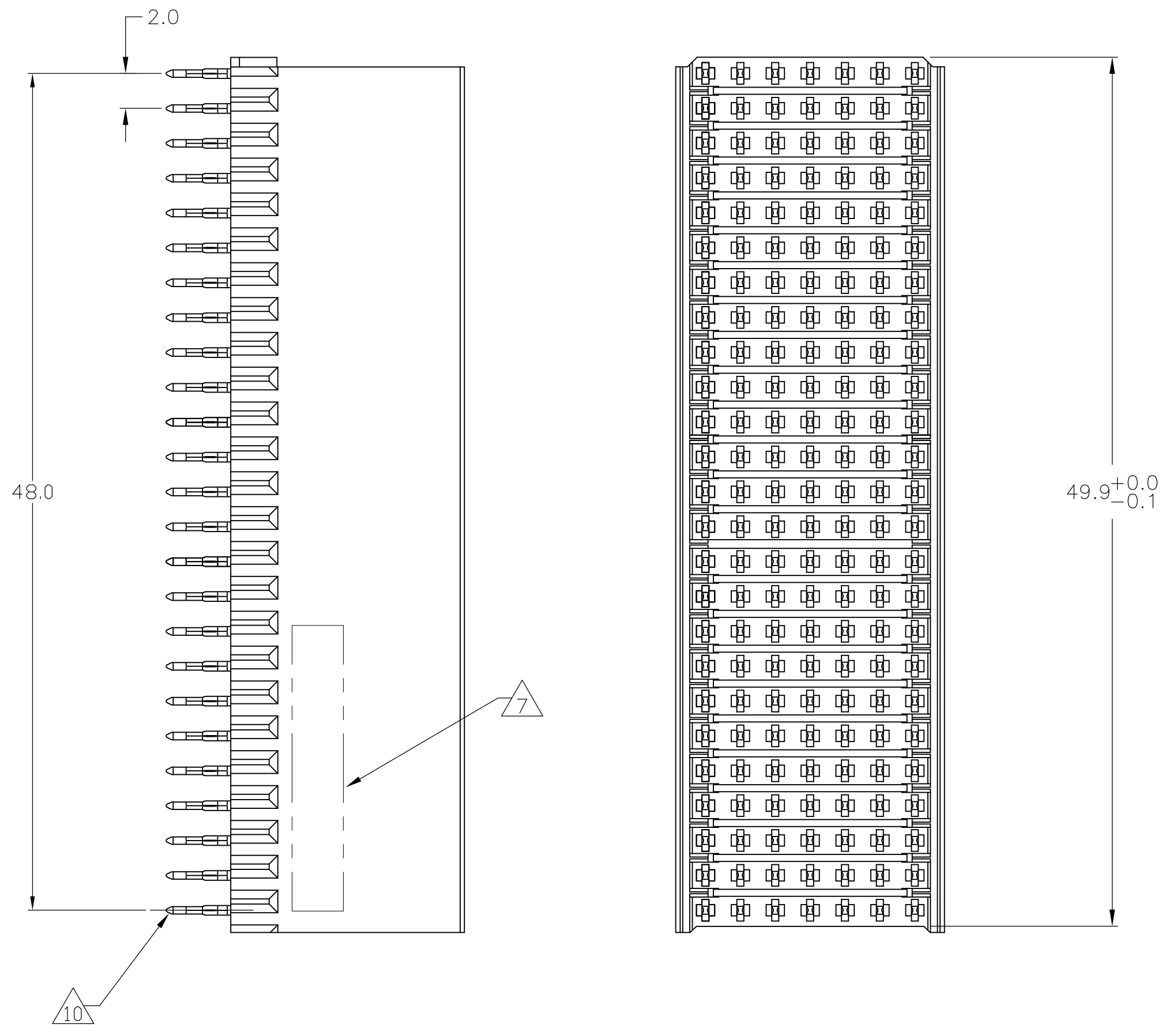
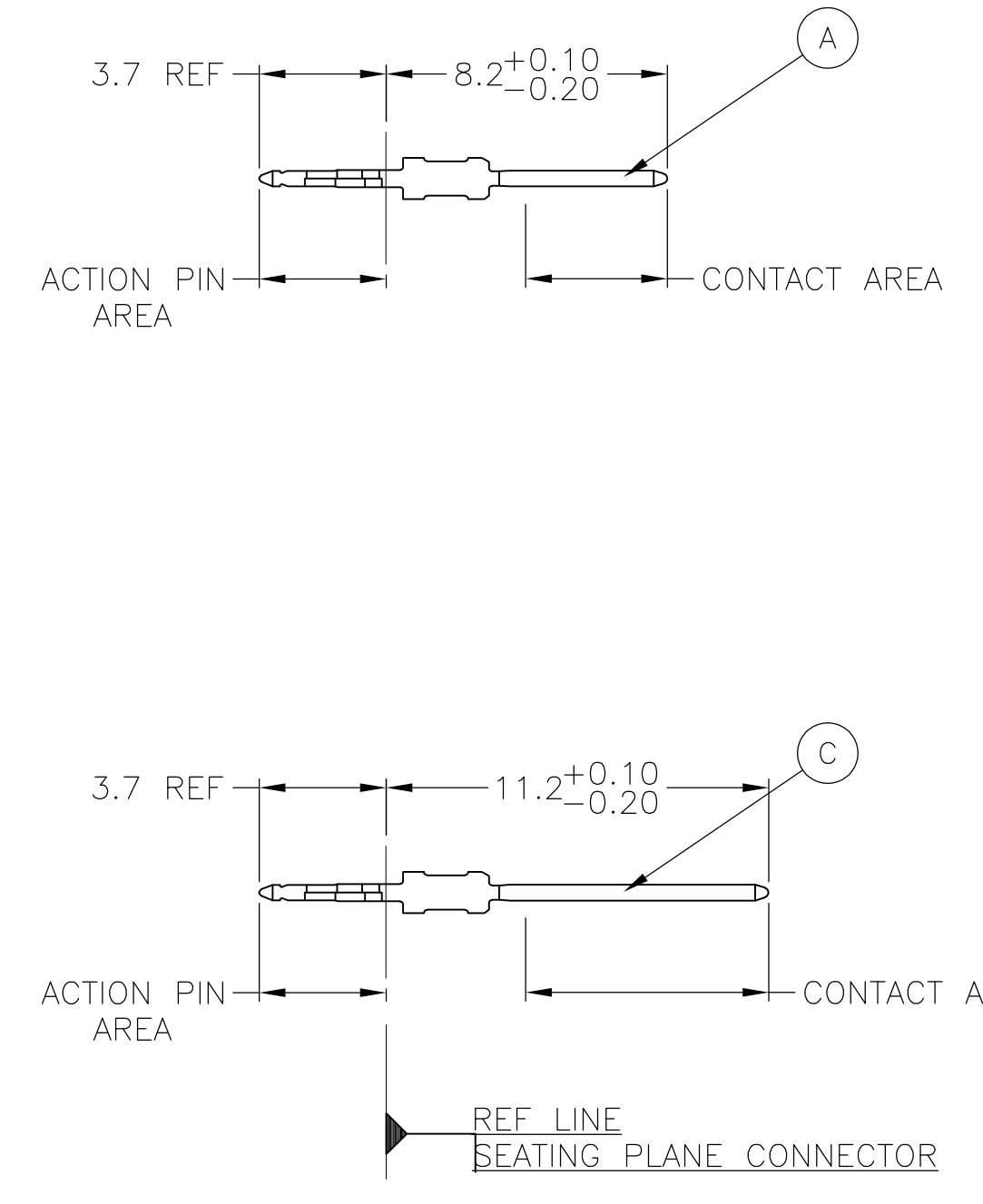


| REVISIONS |     |                           |           |     |      |
|-----------|-----|---------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION               | DATE      | DMN | APVD |
| R         |     | REVISED PER ECR-16-013249 | 07JUL2017 | FL  | SY   |

### CONNECTOR ASSEMBLY EXAMPLARY LOADED $\triangle 9$



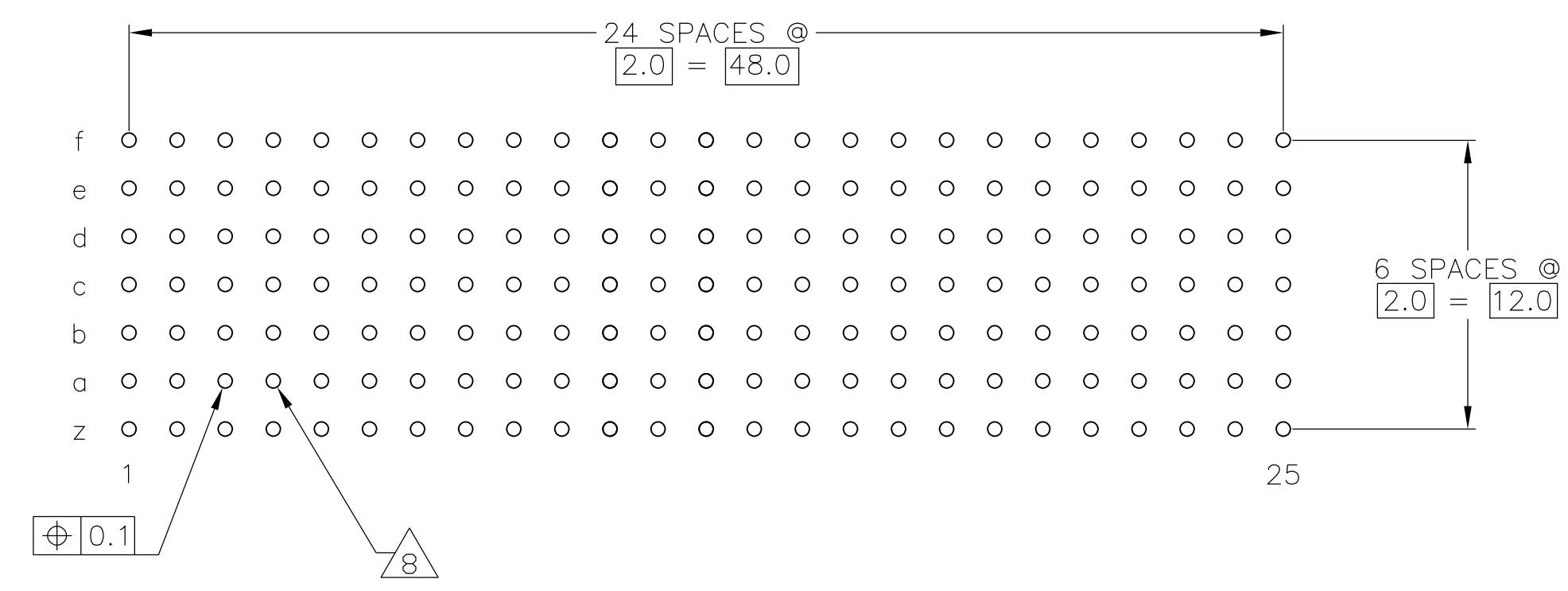
### CONTACT DIMENSIONS SCALE 5:1



### 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 |
| 12 | C | A | A | A | A | A | C |
| 13 | C | A | A | A | A | A | C |
| 14 | C | A | A | A | A | A | C |
| 15 | C | A | A | A | A | A | C |
| 16 | C | A | A | A | A | A | C |
| 17 | C | A | A | A | A | A | C |
| 18 | C | A | A | A | A | A | C |
| 19 | C | A | A | A | A | A | C |
| 20 | C | A | A | A | A | A | C |
| 21 | C | A | A | A | A | A | C |
| 22 | C | A | A | A | A | A | C |
| 23 | C | A | A | A | A | A | C |
| 24 | C | A | A | A | A | A | C |
| 25 | C | A | A | A | A | A | C |

### RECOMMENDED PCB-HOLE LAYOUT COMPONENT SIDE SHOWN



### PLATED THRU HOLES PARAMETERS REFERENCE APPLICATION SPECIFICATION

|          |               |               |                    |             |
|----------|---------------|---------------|--------------------|-------------|
|          | $\triangle 2$ | $\triangle 3$ | $\triangle 13$     | 3-100669-1  |
|          | $\triangle 2$ | $\triangle 5$ | $\triangle 12, 13$ | 3-100669-0  |
| OBSOLETE | $\triangle 2$ | $\triangle 6$ | $\triangle 12$     | 1-100669-9  |
| OBSOLETE | $\triangle 2$ | $\triangle 5$ | $\triangle 12$     | 100669-9    |
| OBSOLETE | $\triangle 2$ | $\triangle 4$ |                    | 100669-4    |
| OBSOLETE | $\triangle 2$ | $\triangle 3$ |                    | 100669-1    |
|          | FINISH        |               |                    | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.


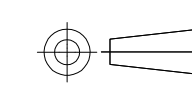
|                |  |                        |         |           |
|----------------|--|------------------------|---------|-----------|
| DIMENSIONS: mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: | DIN B CARBO 24JAN05    | 24JAN05 | NAME      |
| $\phi$         | 0-PLC ±                                | G/SKIPPER 24JAN05      | 24JAN05 | 108-19082 |
|                | 1-PLC ±0.1                             | APVD G/SKIPPER 24JAN05 | 24JAN05 | 114-19029 |
|                | 2-PLC ±                                | PRODUCT SPEC           |         | 100669    |
|                | 3-PLC ±                                |                        |         | NA        |
|                | 4-PLC ±                                |                        |         |           |
|                | ANGLES ±                               |                        |         |           |

MATERIAL  $\triangle 1$  FINISH SEE TABLE WEIGHT NA SIZE A1 CAGE CODE 00779 DRAWING NO. 100669 RESTRICTED TO CUSTOMER DRAWING SCALE 4:1 SHEET 1 OF 2 REV R

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| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DMN | APVO |
| -         |     | 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.
- 13 0.76µm MIN GOLD PLATING AT MATING SURFACES.
- 14 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

|   |  |                       |  |   |  |
|---|--|-----------------------|--|---|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.  |  | DIN B CARBO 24JAN05   |  |  TE Connectivity |  |
| DIMENSIONS: mm  |  | GSKIPPER 24JAN05      |  |   |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0-PLC ±<br>1-PLC ± 0.1<br>2-PLC ±<br>3-PLC ±<br>4-PLC ±<br>ANGLES ± |  | APVO GSKIPPER 24JAN05 |  | NAME  |  |
|                          |  | PRODUCT SPEC          |  | MALE ASSEMBLY, Z-PACK 2mm HM,<br>TYPE B   |  |
| MATERIAL SEE SHEET 1  |  | FINISH SEE SHEET 1    |  | APPLICATION SPEC  |  |
| WEIGHT  |  | 114-19029             |  | RESTRICTED TO   |  |
| CUSTOMER DRAWING  |  | SCALE 4:1             |  | SHEET 2 OF 2 REV R  |  |