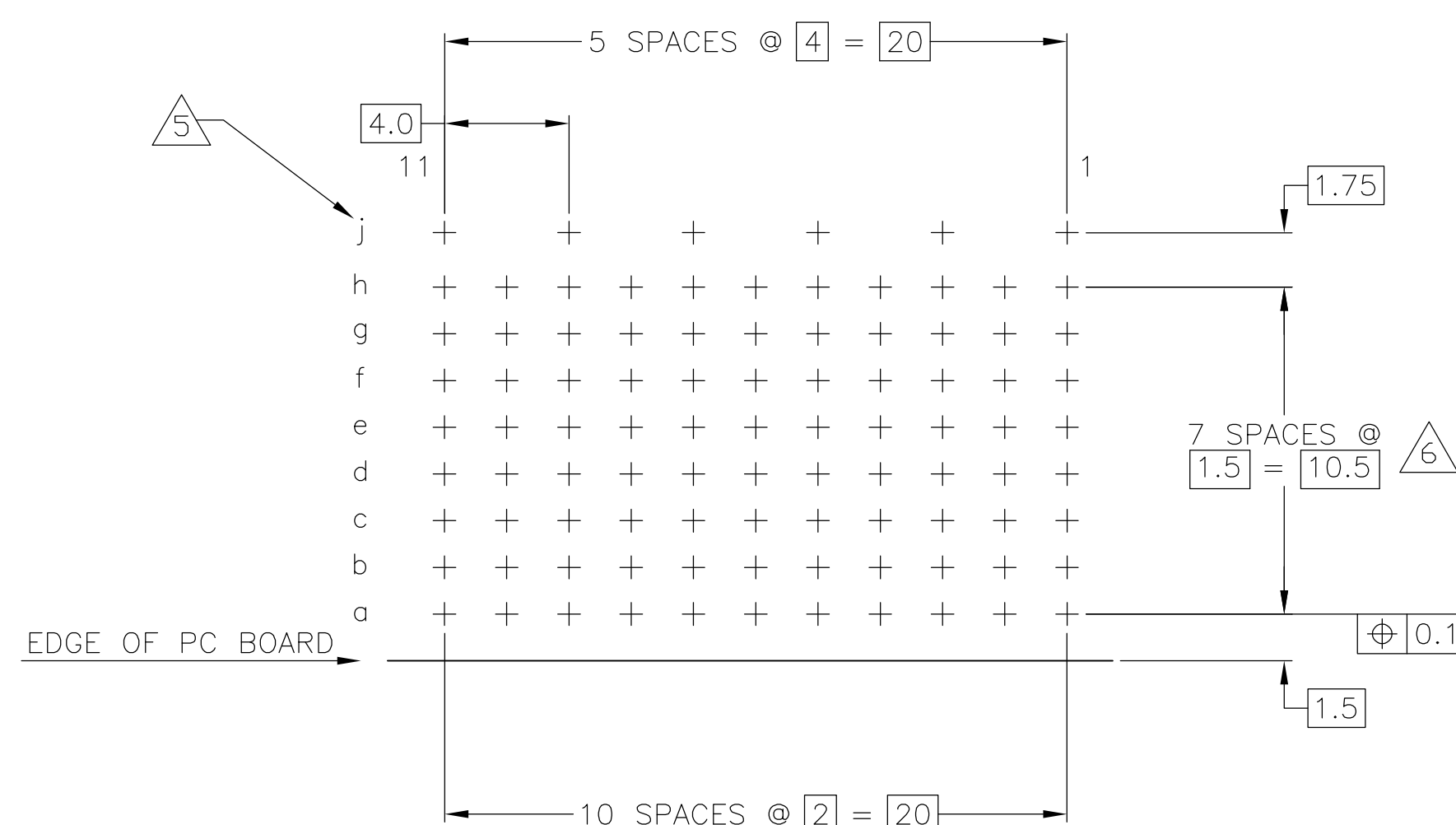
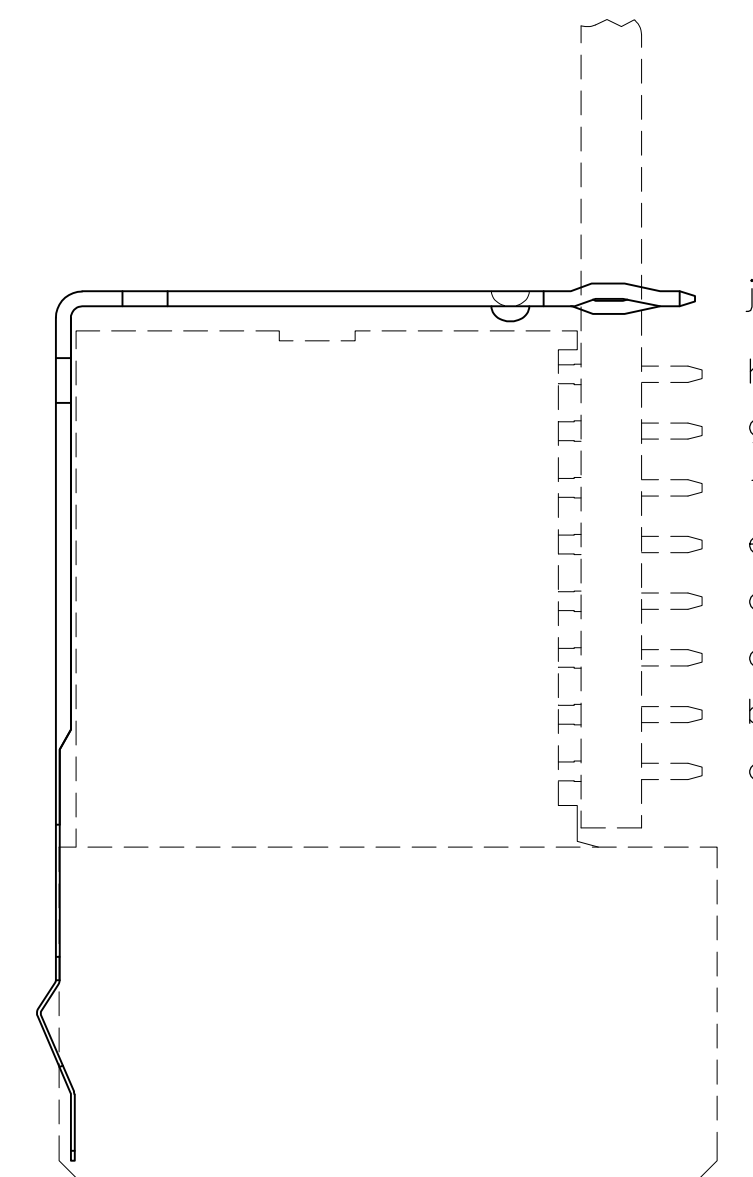
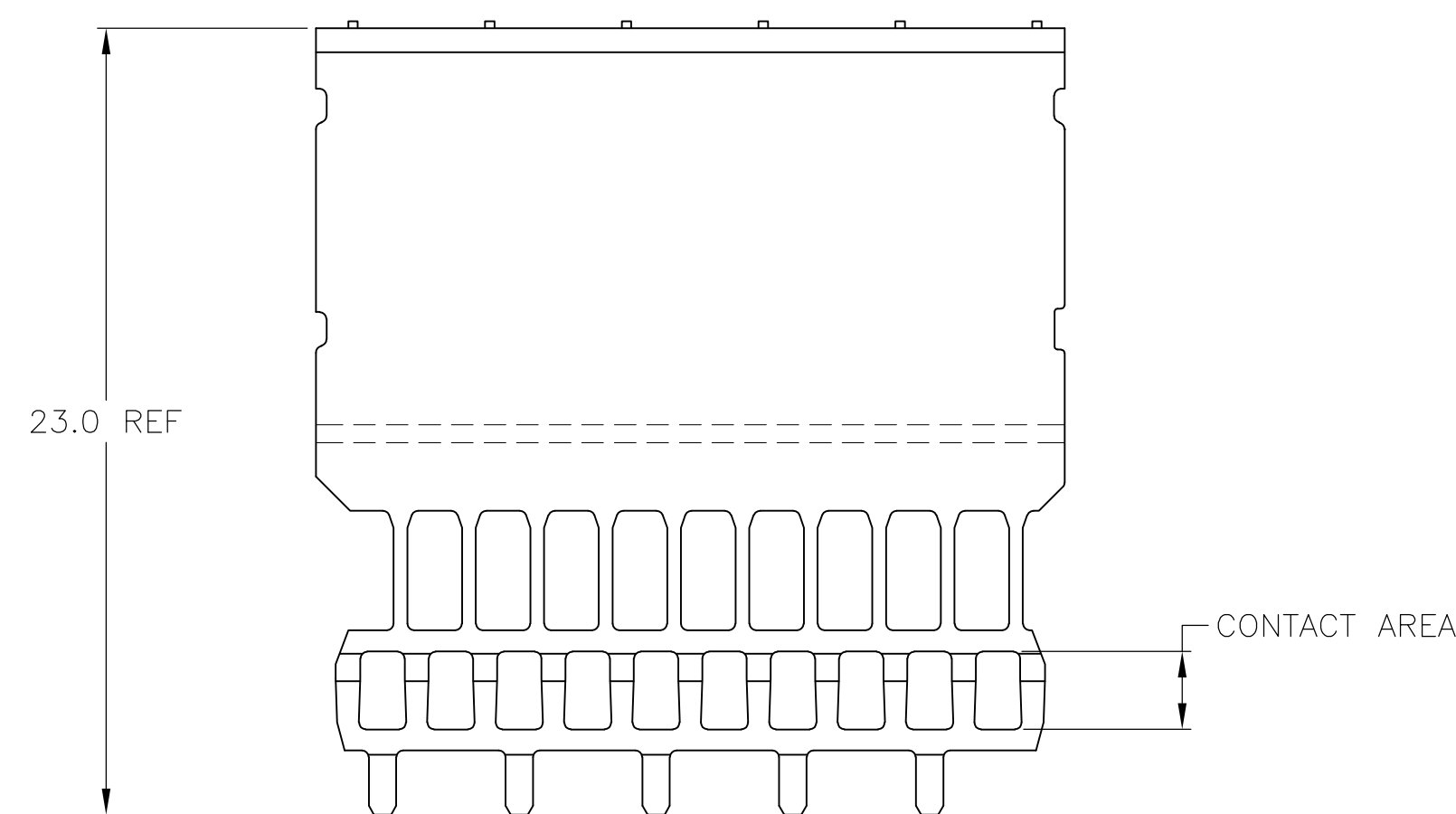
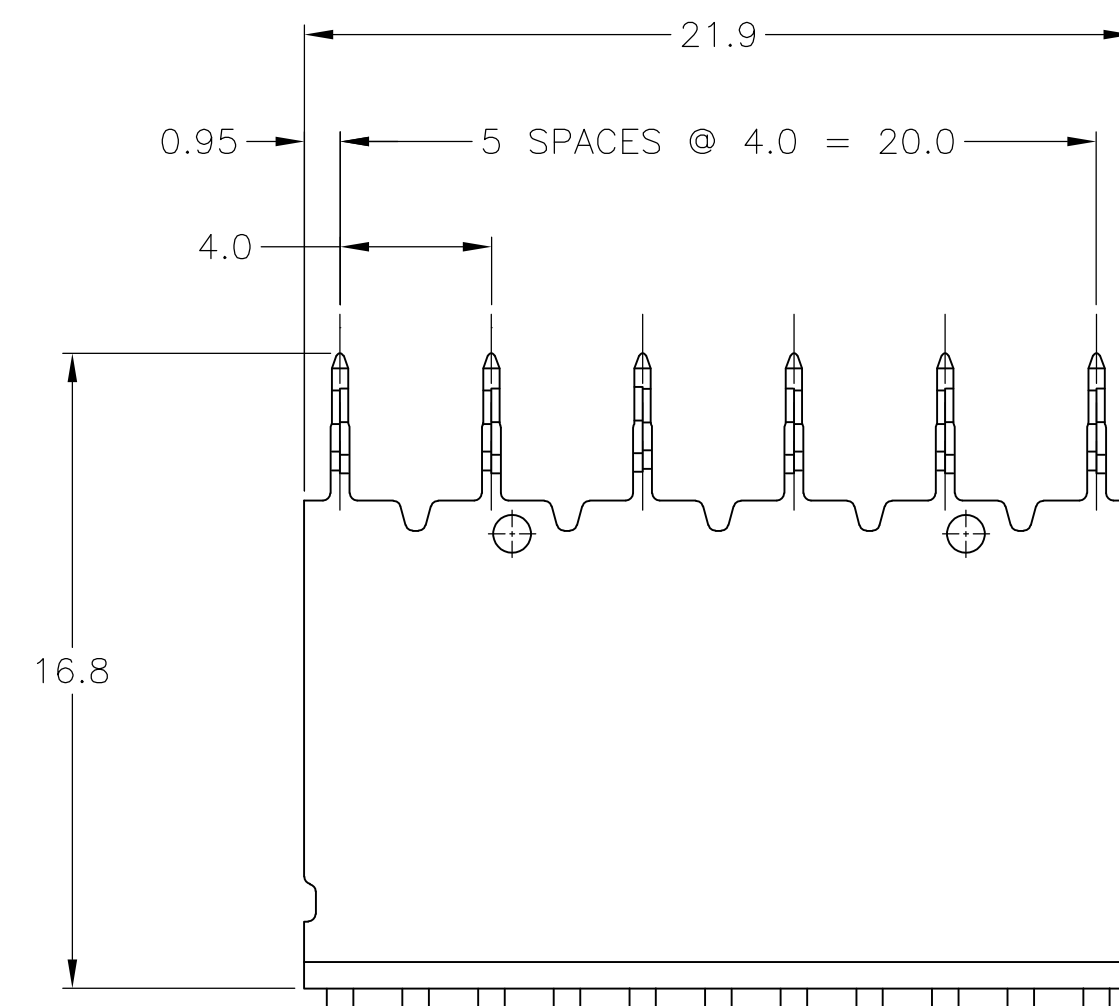


| LOC |    | DIST |     | REVISIONS                 |         |     |      |  |
|-----|----|------|-----|---------------------------|---------|-----|------|--|
| AD  | 00 | P    | LTR | DESCRIPTION               | DATE    | DWN | APVD |  |
|     |    | A    |     | REV PER EC 0512-0302-05   | 15DEC05 | BC  | GS   |  |
|     |    | A1   |     | REVISED PER ECO-09-024606 | 02NOV09 | KK  | AEG  |  |
|     |    | B    |     | ECR-10-018652             | 10SEP10 | SW  | MQW  |  |



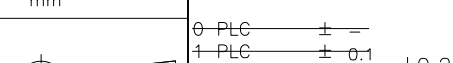
COMPONENT SIDE AS SHOWN  
RECOMMENDED PCB-HOLE LAYOUT

### PLATED THRU HOLES PARAMETERS

## REFERENCE APPLICATION SPECIFICATION

- |   |                                                                                                                                                                                                                        |               |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
|   | B                                                                                                                                                                                                                      | ECR-10-018652 |
| 1 | MATERIAL:<br>CONTACT: PHOSPHOR BRONZE.                                                                                                                                                                                 |               |
| 2 | GENERAL PLATING SPECIFICATION: UNDERPLATING<br>(ENTIRE CONTACT): 1.27µm MIN NICKEL AND ACTION<br>PIN: 0.5µm MIN TIN.<br>FOR PLATING OF MATING SURFACES SEE APPLICABLE<br>SPECIFICATION REFERENCE FOR EACH DASH NUMBER. |               |
| 3 | CONFORMS TO ALL TESTING ACCORDING TO IEC 61076-4-101<br>PERFORMANCE LEVEL 2.                                                                                                                                           |               |
| 4 | CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE<br>QUALITY LEVEL 3, CENTRAL OFFICE APPLICATIONS.                                                                                                         |               |
| 5 | ROW J 5 PLATED THROUGH HOLES FOR LOWER-SHIELD.                                                                                                                                                                         |               |
| 6 | HOLE PATTERN FOR FEMALE CONNECTOR TYPE A.<br>88 PLATED-THROUGH HOLES A 1.5 X 2mm GRID.                                                                                                                                 |               |
| 7 | CONTACT AREA LUBRICATED WITH BELLCORE APPROVED LUBRICANT.<br>TECHNICAL REFERENCE: GR-1217-CORE, ISSUE 1, NOVEMBER 1995.                                                                                                |               |
| 8 | OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI                                                                                                                                                        |               |

|                                                                                                |                                                                                                                                                                                                                                                                   |                      |
|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
|  OBSOLETE |    | <del>5646494-9</del> |
|                                                                                                |                                                                                         | 5646494-1            |
|                                                                                                | FINISH                                                                                                                                                                                                                                                            | PART NUMBER          |

|                                                                                                            |  |                                                                                    |  |                                                                                                     |  |
|------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                                     |  | DWN 03AUG05<br>B. CARBO<br>CHK 03AUG05<br>G. SKIPPER<br>APVD 03AUG05<br>G. SKIPPER |  | Tyco<br><b>Electronics</b><br>Tyco Electronics Corporation<br>Harrisburg, PA 17105-3608             |  |
| DIMENSIONS:<br>mm<br> |  | TOLERANCES, UNLESS OTHERWISE SPECIFIED:<br>±0.2<br>SEE TABLE                       |  | NAME<br>GROUND RETURN UPPER-SHIELD, TYPE F<br>Z-PACK 2mm HX M 8 ROW, FEMALE<br>(INTEGRATED VERSION) |  |
| MATERIAL<br>          |  | WEIGHT<br>-                                                                        |  | SIZE<br>A1                                                                                          |  |
|                                                                                                            |  | FINISH<br>-                                                                        |  | CAGE CODE<br>00779                                                                                  |  |
|                                                                                                            |  | APPLICATION SPEC<br>108-19082<br>114-19036                                         |  | DRAWING NO<br>C-5646494                                                                             |  |
|                                                                                                            |  | CUSTOMER DRAWING                                                                   |  | SCALE<br>5:1                                                                                        |  |
|                                                                                                            |  |                                                                                    |  | SHEET<br>1 OF 1                                                                                     |  |
|                                                                                                            |  |                                                                                    |  | REV<br>B                                                                                            |  |