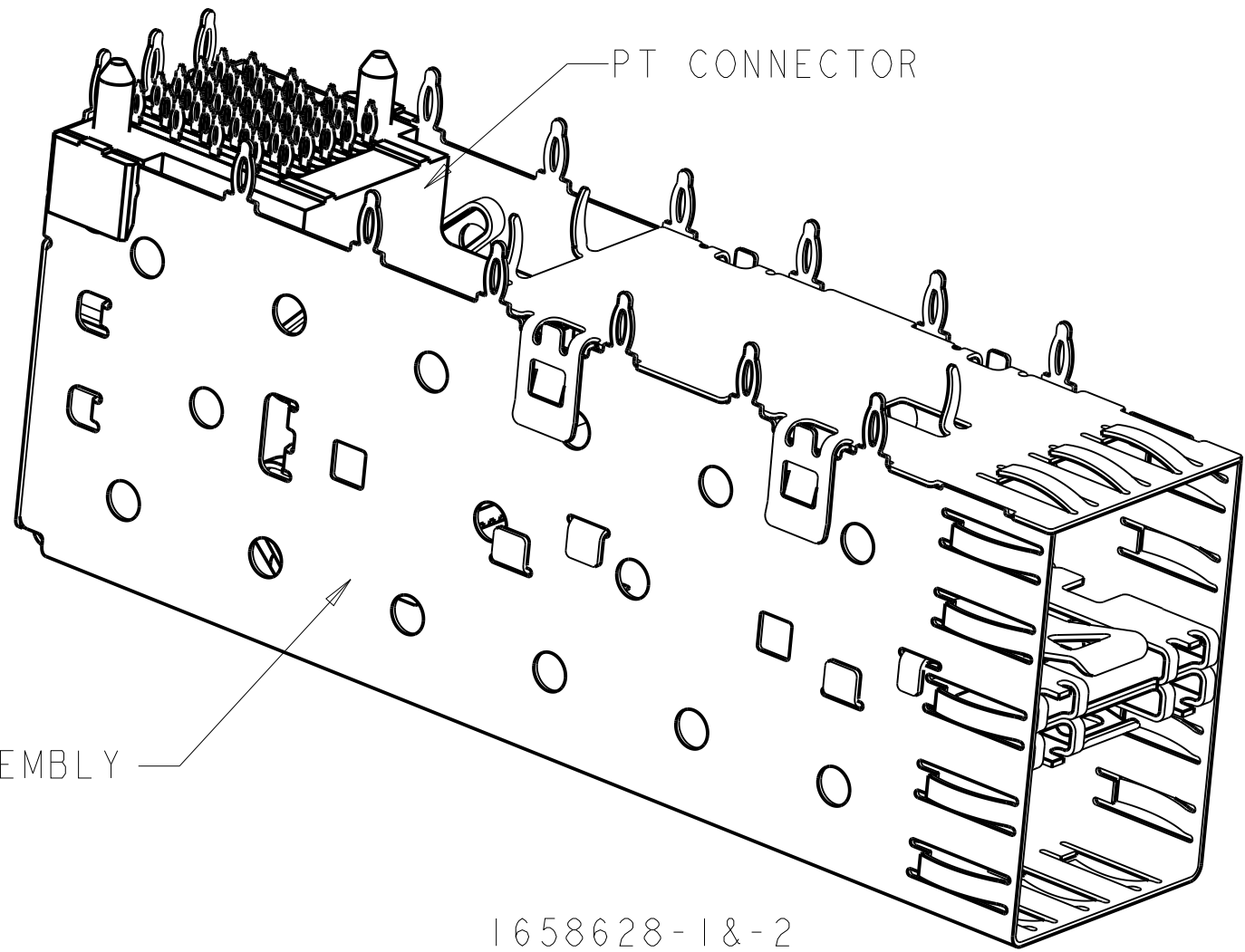
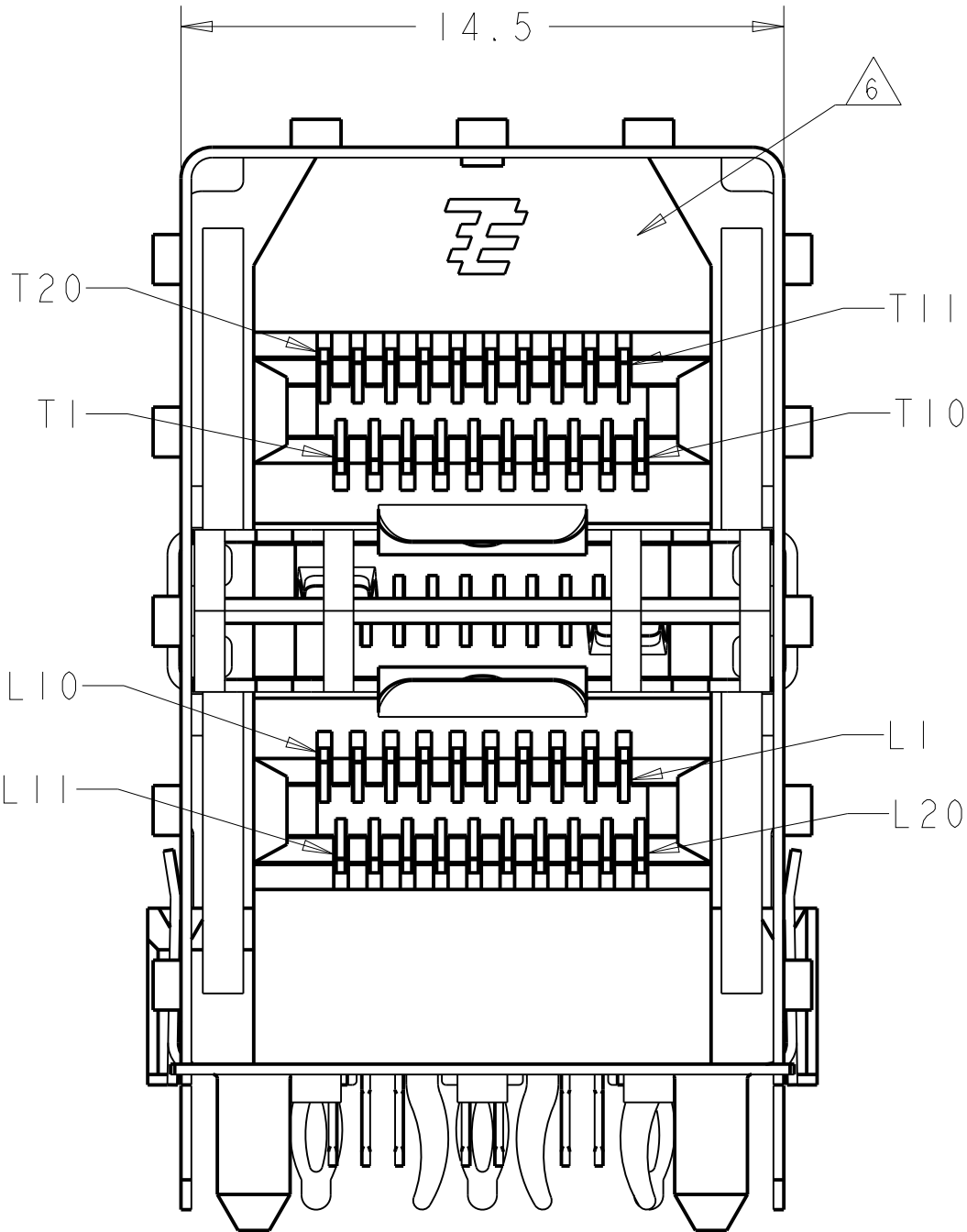
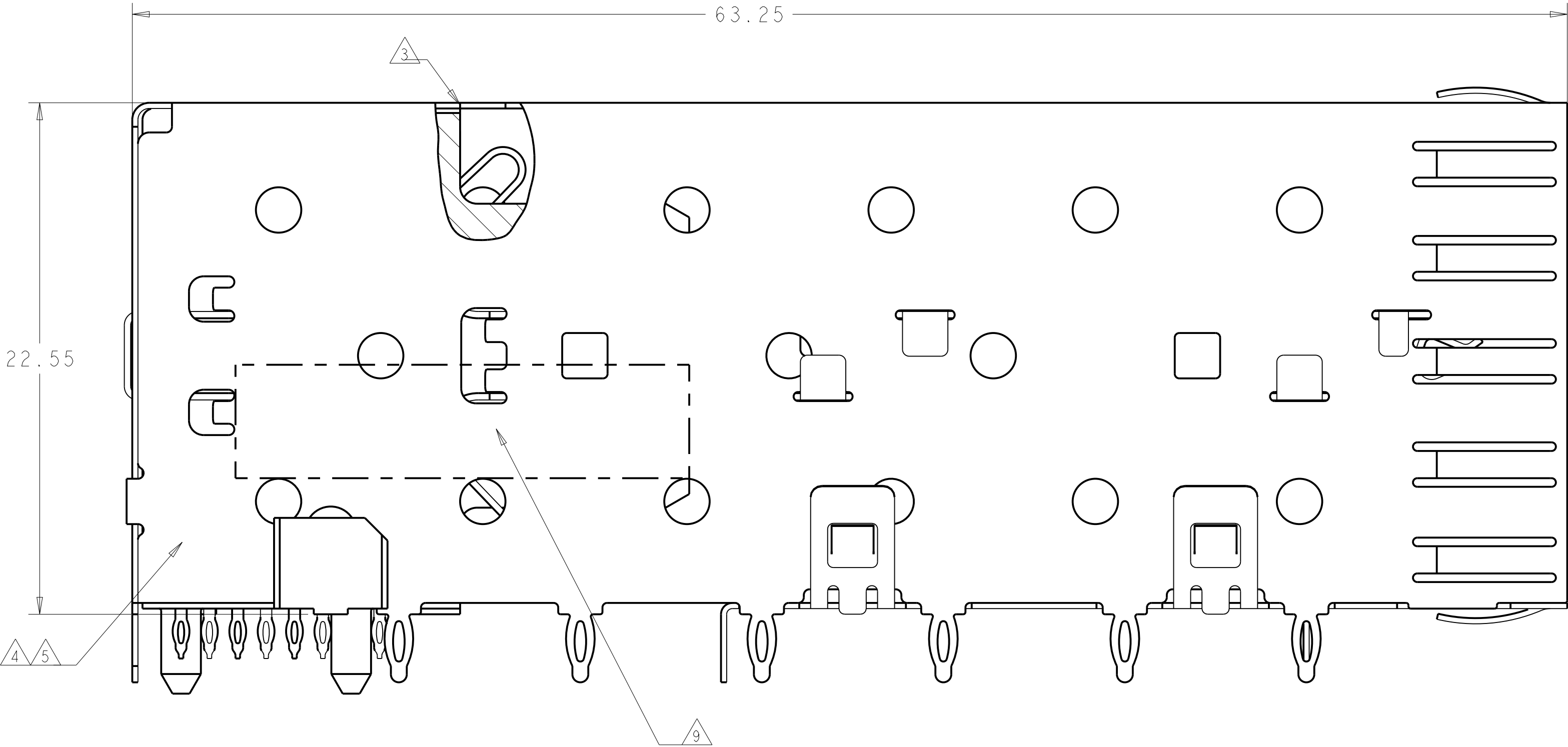


| LOC | DIST | REVISIONS |     |                           |           |     |      |  |
|-----|------|-----------|-----|---------------------------|-----------|-----|------|--|
| ES  | 00   | P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |  |
|     |      |           | F1  | REVISED PER ECO-11-005033 | 18MAR2011 | RK  | HMR  |  |
|     |      |           | G   | REVISED PER ECO-14-000886 | 20FEB2014 | JW  | SH   |  |
|     |      |           | G1  | REVISED PER ECO-14-010419 | 11JUL2014 | JW  | SH   |  |
|     |      |           |     |                           |           |     |      |  |



2X1 CAGE ASSEMBLY

1658628-1&2  
SCALE 3:1



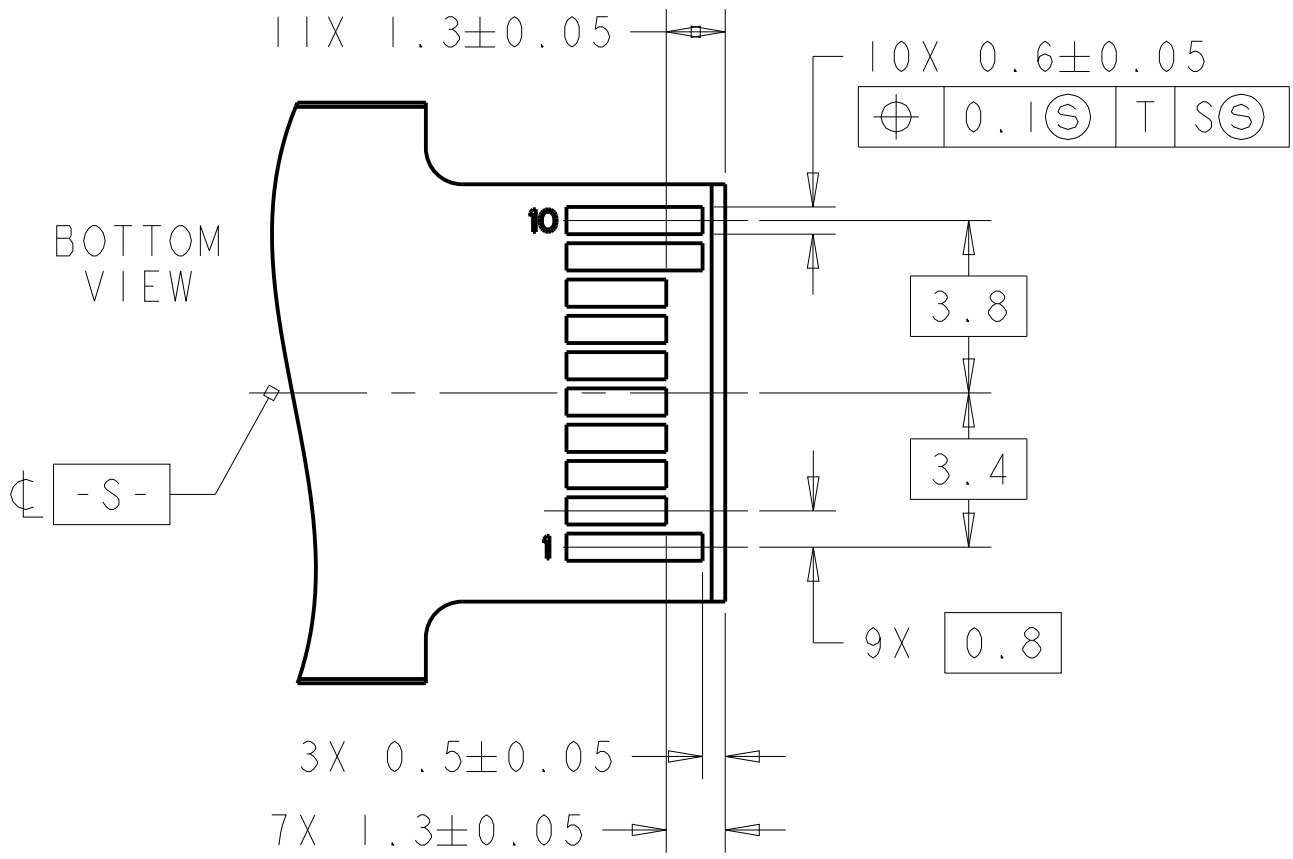
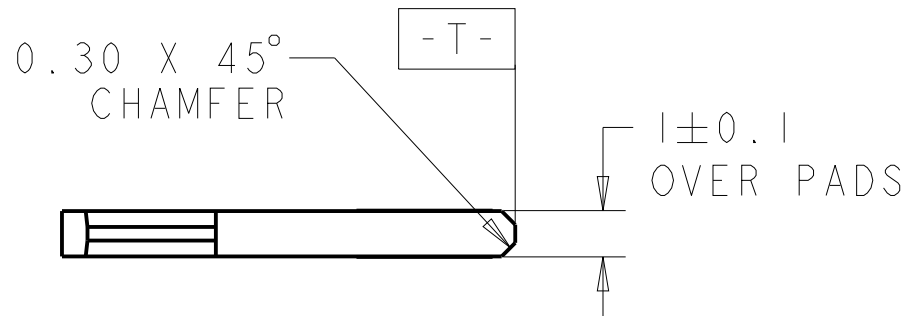
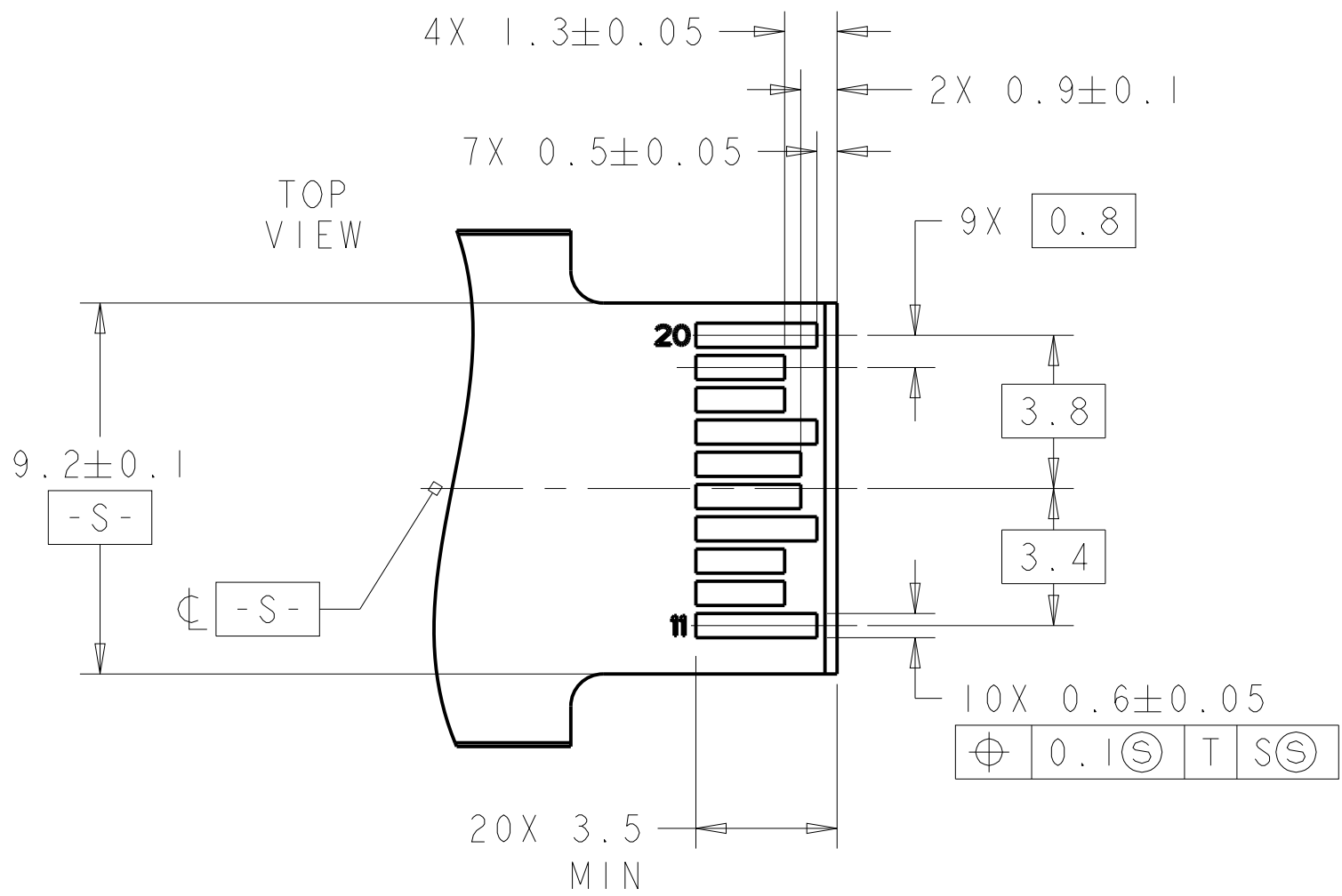
- ① DATUM AND BASIC DIMENSION TO BE DETERMINED BY CUSTOMER.
- ② INTERPRETATION OF DATUM REFERENCE FRAME IN ACCORDANCE WITH SECT 4.4.1.1 OF ASME Y14.5M-1994.
- ③ TOP OF PT CONNECTOR TO BE 0-0.15 FROM INSIDE SURFACE OF CAGE.
- ④ COPPER ALLOY.
- ⑤ 1.25umMIN TIN PER ASTM B 545 OVER NICKEL FLASH PER QQ-N-290. NON-PLATED EDGES PERMISSIBLE.
- ⑥ LCP, HIGH TEMPERATURE, UL 94V-0 RATED, BLACK.
- ⑦ POLYESTER, UL 94V-0 RATED, BLACK.
- ⑧ CONTACT MATING AREA: SURFACE TREATMENT OVER 0.76um MIN GOLD PER ASTM B 488 OVER 1.27um MIN NICKEL PER QQ-N-290. NEEDLE EYE: 1.25um MIN TIN PER ASTM B 545 OVER 1.27um MIN NICKEL PER QQ-N-290. REMAINDER OF CONTACT: 0.76um MIN NICKEL PER QQ-N-290.
- ⑨ DATE CODE AND PART NUMBER IN APPROXIMATE AREA SHOWN.
- ⑩ MATERIAL: NICKEL SILVER ALLOY(NO PLATING)

|                  |                    |             |               |             |
|------------------|--------------------|-------------|---------------|-------------|
| ⑧                | ④, ⑦               | NO          | ⑩             | 1658628-2   |
| ⑧                | ④, ⑦               | ⑤           | ④             | 1658628-1   |
| CONNECTOR FINISH | CONNECTOR MATERIAL | CAGE FINISH | CAGE MATERIAL | PART NUMBER |

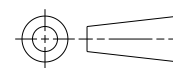
|                                        |                                                                                       |                         |         |                                                                                                       |  |  |
|----------------------------------------|---------------------------------------------------------------------------------------|-------------------------|---------|-------------------------------------------------------------------------------------------------------|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                                                                       | DWN<br>R. HENRY         | 17APR03 |  TE Connectivity |  |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |                                                                                       | CHK<br>J. KOPPENHEFFER  | 23JAN04 |                                                                                                       |  |  |
| DIMENSIONS:<br>mm                      |  | APVD<br>M. WALMSLEY     | 23JAN04 | NAME<br>CAGE AND PT CONNECTOR ASSEMBLY,<br>2x1, PRESS FIT, LOW PROFILE,<br>SFP                        |  |  |
|                                        |                                                                                       | PRODUCT SPEC            |         |                                                                                                       |  |  |
| MATERIAL                               |  | APPLICATION SPEC        |         | SIZE<br>A100779                                                                                       |  |  |
|                                        |                                                                                       | WEIGHT                  |         |                                                                                                       |  |  |
| CUSTOMER DRAWING                       |                                                                                       | DRAWING NO<br>C=1658628 |         | RESTRICTED TO                                                                                         |  |  |
|                                        |                                                                                       | SCALE 6:1               |         | SHEET 1 OF 3                                                                                          |  |  |
|                                        |                                                                                       |                         |         | REV G1                                                                                                |  |  |

4805 (3/11)

| LOC | DIST | REVISIONS |     |             |      |     |
|-----|------|-----------|-----|-------------|------|-----|
|     |      | P         | LTR | DESCRIPTION | DATE | DWN |
| ES  | 00   | -         | -   | SEE SHEET 1 | -    | -   |
|     |      |           |     |             |      |     |
|     |      |           |     |             |      |     |
|     |      |           |     |             |      |     |



RECOMMENDED LAYOUT FOR  
MATING TRANSCEIVER PCB  
SCALE 6:1

|                                        |                                                                                       |                                                                    |                                                                                                       |                                                                        |
|----------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                                                                       | DWN<br>R. HENRY<br>17APR03                                         |  TE Connectivity |                                                                        |
|                                        |                                                                                       | CHK<br>J. KOPPENHEFFER<br>23JAN04                                  |                                                                                                       |                                                                        |
| DIMENSIONS:<br><br>mm                  |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                             |                                                                                                       | NAME                                                                   |
|                                        |                                                                                       | 0 PLC ±<br>1 PLC ±<br>2 PLC ±0.1<br>3 PLC ±<br>4 PLC ±<br>ANGLES ± |                                                                                                       | CAGE AND PT CONNECTOR ASSEMBLY,<br>2x1, PRESS FIT, LOW PROFILE,<br>SFP |
| MATERIAL                               | FINISH                                                                                | PRODUCT SPEC                                                       |                                                                                                       | SIZE                                                                   |
|                                        |                                                                                       | APPLICATION SPEC                                                   |                                                                                                       | CAGE CODE                                                              |
| 108-2161                               |                                                                                       | DRAWING NO                                                         |                                                                                                       |                                                                        |
| 114-13103                              |                                                                                       | RESTRICTED TO                                                      |                                                                                                       |                                                                        |
| WEIGHT                                 |                                                                                       | A100779C=1658628                                                   |                                                                                                       |                                                                        |
| CUSTOMER DRAWING                       |                                                                                       | SCALE 1:1                                                          |                                                                                                       |                                                                        |
|                                        |                                                                                       | SHEET 3 OF 3                                                       |                                                                                                       |                                                                        |
|                                        |                                                                                       | REV G1                                                             |                                                                                                       |                                                                        |