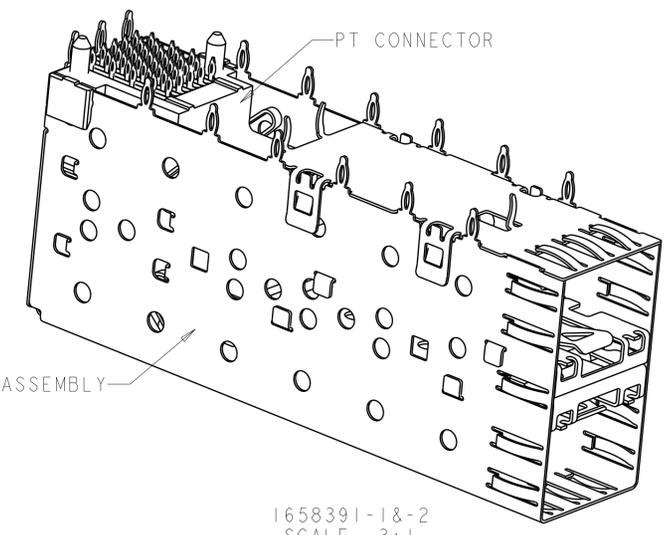
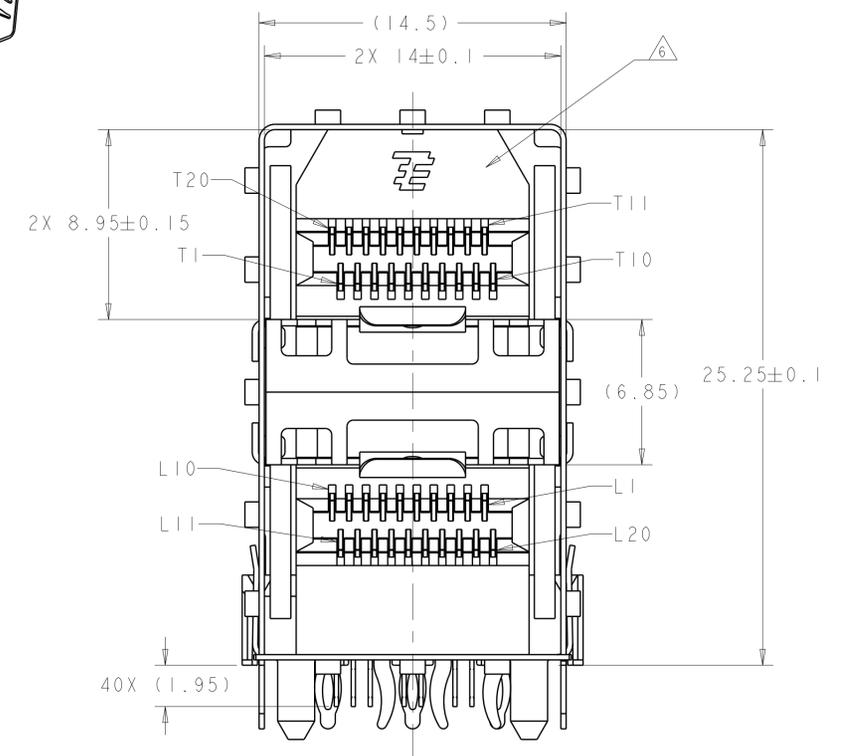
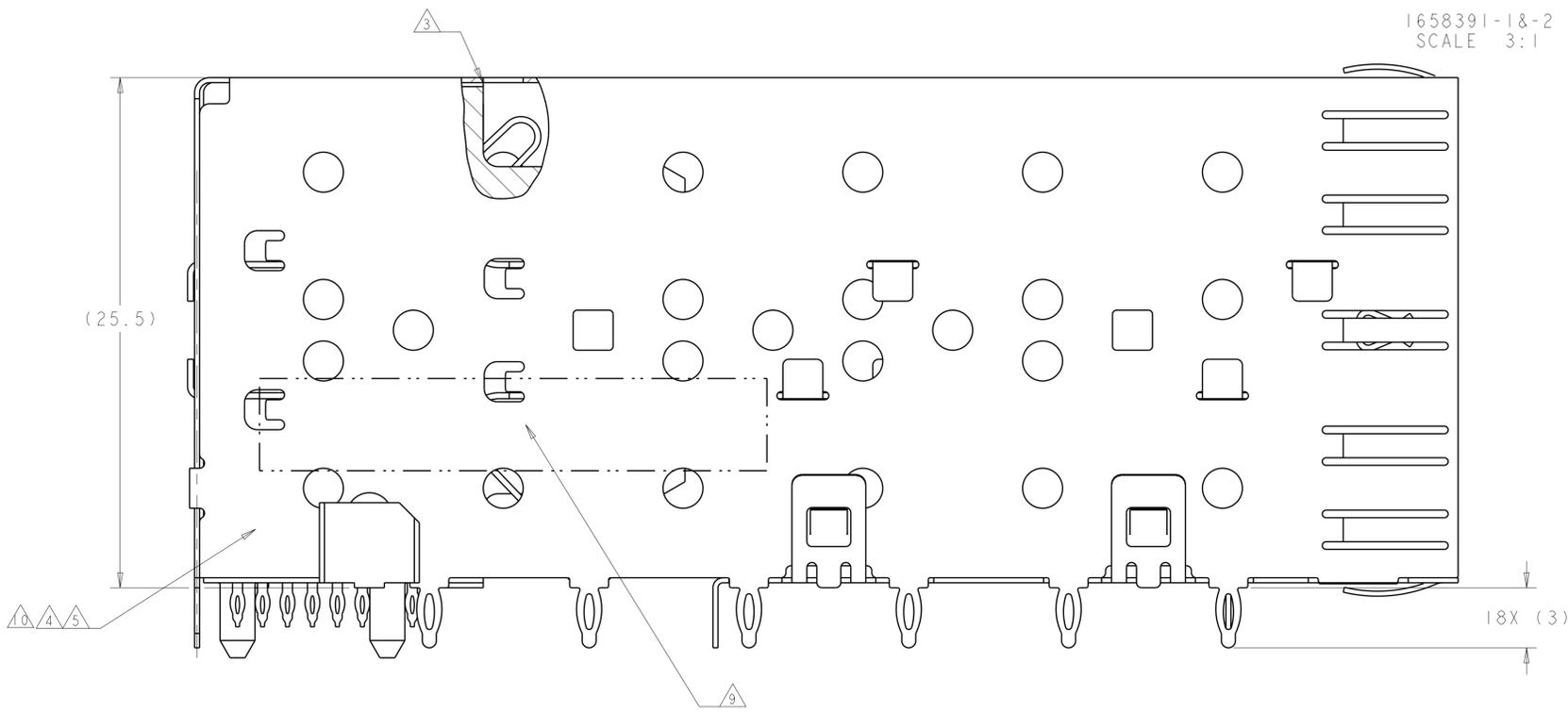


| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|---------------------------|-----------|-----|------|
| | | P | LTN | DESCRIPTION | DATE | DWN | APVD |
| ES | 00 | F1 | | REVISED PER ECO-11-005033 | 18MAR2011 | RK | HMR |
| | | G | | REVISED PER ECO-14-000886 | 20FEB2014 | JW | SH |
| | | G1 | | REVISED PER ECO-14-010419 | 11JUL2014 | JW | SH |
| | | H | | REVISED PER ECO-15-013594 | 22SEP2015 | JW | SH |



2X1 CAGE ASSEMBLY

1658391-1&2
SCALE 3:1



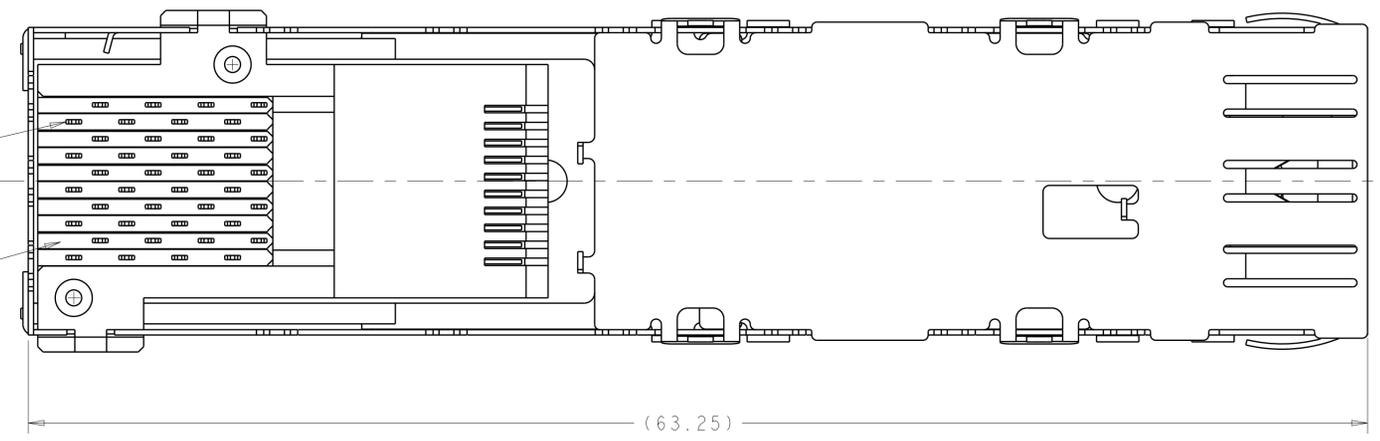
- △ DATUM AND BASIC DIMENSION TO BE DETERMINED BY CUSTOMER.
- △ INTERPRETATION OF DATUM REFERENCE FRAME IN ACCORDANCE WITH SECT 4.4.1.1 OF ASME Y14.5M-1994.
- △ TOP OF PT CONNECTOR TO BE 0-0.15 FROM INSIDE SURFACE OF CAGE.
- △ COPPER ALLOY.
- △ 1.25umMIN TIN PER ASTM B 545 OVER NICKEL FLASH PER QQ-N-290. NON-PLATED EDGES PERMISSIBLE.
- △ LCP, HIGH TEMPERATURE, UL 94V-0 RATED, BLACK.
- △ POLYESTER, UL 94V-0 RATED, BLACK.
- △ 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.
- △ DATE CODE AND PART NUMBER IN APPROXIMATE AREA SHOWN.
- △ MATERIAL: NICKEL SILVER ALLOY(NO PLATING)

SUPERSEDED BY:
1658391-2

| | | | | |
|------------------|--------------------|-------------|---------------|-----------|
| CONNECTOR FINISH | CONNECTOR MATERIAL | CAGE FINISH | CAGE MATERIAL | 1658391-2 |
| NO | NO | NO | NO | 1658391-2 |

| | | | |
|--|------------|------------------|------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN | 25MAR03 |
| DIMENSIONS: | | CHK | JM.COWHER |
| mm | 0 PLC ± | APVD | J.KOPPENHEFFER |
| | 2 PLC ±0.1 | NAME | M.WALMSLEY |
| | 3 PLC ± | PRODUCT SPEC | 108-2161 |
| | 4 PLC ± | APPLICATION SPEC | 114-13103 |
| | ANGLES ± | WEIGHT | |
| MATERIAL | FINISH | Customer Drawing | SCALE 1:1 SHEET 1 OF 3 REV H |

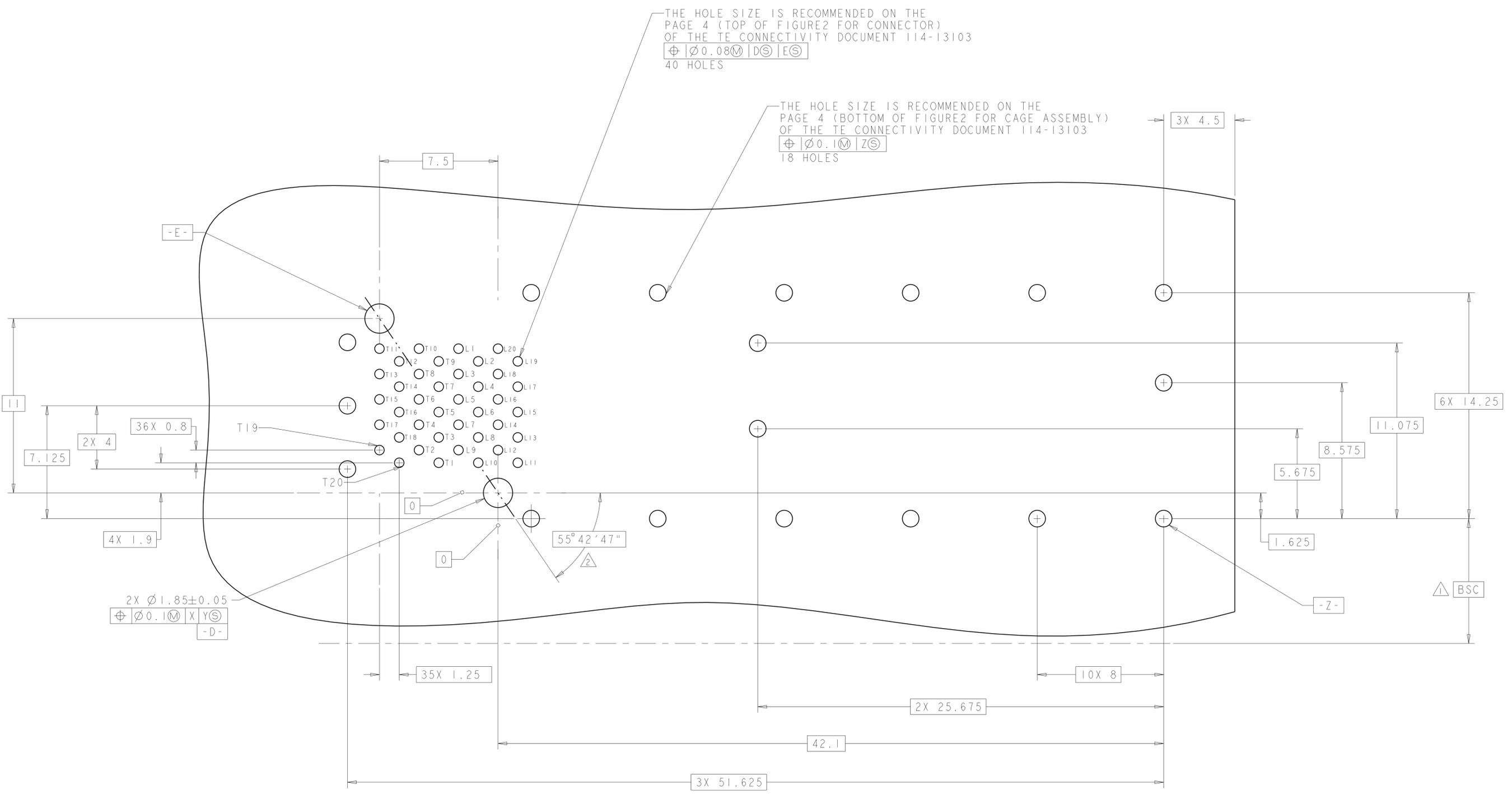
| | |
|---|-----------|
| TE Connectivity | |
| CAGE AND PT CONNECTOR ASSEMBLY, 2x1, PRESS FIT, STANDARD PROFILE, SFP | |
| SIZE | A100779 |
| CAGE CODE | 1658391 |
| DRAWING NO | 1658391-2 |



| LOC | DIST | REVISIONS | | | |
|-----|------|-------------|------|-----|------|
| P | LTN | DESCRIPTION | DATE | DWN | APVD |
| - | - | SEE SHEET 1 | - | - | - |

THE HOLE SIZE IS RECOMMENDED ON THE PAGE 4 (TOP OF FIGURE2 FOR CONNECTOR) OF THE TE CONNECTIVITY DOCUMENT 114-13103
 $\varnothing 0.08 \text{ M} \text{ D} \text{ S} \text{ E} \text{ S}$
 40 HOLES

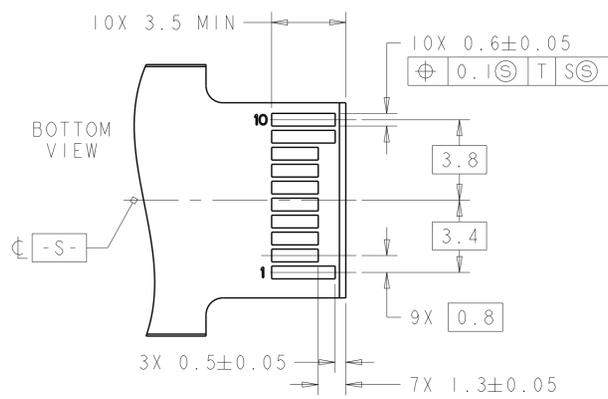
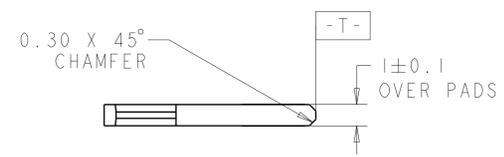
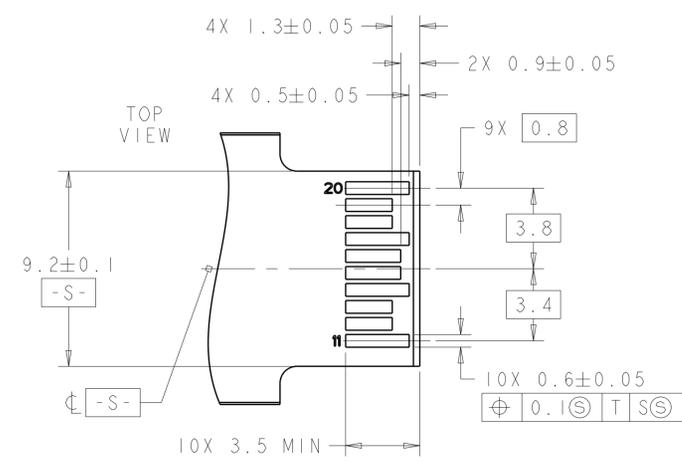
THE HOLE SIZE IS RECOMMENDED ON THE PAGE 4 (BOTTOM OF FIGURE2 FOR CAGE ASSEMBLY) OF THE TE CONNECTIVITY DOCUMENT 114-13103
 $\varnothing 0.1 \text{ M} \text{ Z} \text{ S}$
 18 HOLES



SFP HOST BOARD
 MECHANICAL LAYOUT
 SCALE 8:1

| | | | |
|--|------------|------------------------------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN: M. COWHER 25MAR03 | TE Connectivity |
| DIMENSIONS: mm | | CHK: J. KOPPENHEFFER 23JAN04 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD: M. WALMSLEY 23JAN04 | NAME: CAGE AND PT CONNECTOR ASSEMBLY, 2x1, PRESS FIT, STANDARD PROFILE, SFP |
| 0 PLC ± | 1 PLC ±0.1 | PRODUCT SPEC: 108-2161 | SIZE: A100779 |
| 2 PLC ± | 3 PLC ± | APPLICATION SPEC: 114-13103 | CAGE CODE: 1658391 |
| 4 PLC ± | ANGLES ± | WEIGHT: - | RESTRICTED TO: - |
| MATERIAL: - | FINISH: - | Customer Drawing | SCALE: 1:1 SHEET 2 OF 3 REV H |

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



RECOMMENDED LAYOUT FOR
 MATING TRANSCEIVER PCB
 SCALE 6:1

| | | | | | |
|--|--|---|------------------|-------------------------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN | M. COWHER | 25MAR03 | TE Connectivity |
| DIMENSIONS: | | CHK | J. KOPPENHEFFER | 23JAN04 | |
| mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD | M. WALMSLEY | 23JAN04 | NAME CAGE AND PT CONNECTOR ASSEMBLY, 2x1, PRESS FIT, STANDARD PROFILE, SFP |
| 0 PLC ± 1 PLC ± 2 PLC ±0.1 3 PLC ± 4 PLC ± ANGLES ± | 0 PLC ± 1 PLC ± 2 PLC ±0.1 3 PLC ± 4 PLC ± ANGLES ± | PRODUCT SPEC 108-2161 APPLICATION SPEC 114-13103 | SIZE A100779 | DRAWING NO C=1658391 | |
| MATERIAL | FINISH | WEIGHT | Customer Drawing | | SCALE 8:1 SHEET 3 OF 3 REV H |