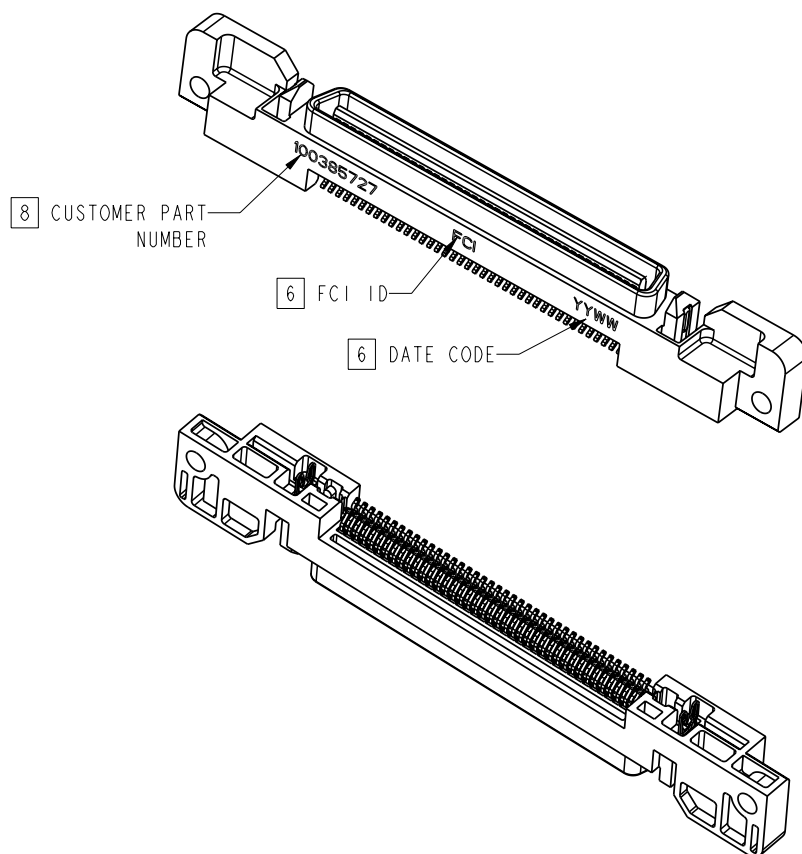


| PRODUCT NO     | POS | REMARKS    |
|----------------|-----|------------|
| 10051991-001LF | 80  | OBSOLETE   |
| 10051991-011LF | 80  | PAGE 7     |
| 10051991-021LF | 80  | PAGE 2 & 3 |
| 10051991-002LF | 40  | OBSOLETE   |
| 10051991-012LF | 40  | PAGE 5 & 6 |



#### NOTES:

- MATERIALS:  
HOUSING: LCP, COLOUR: BLACK  
CONTACTS: PHOSPHOR BRONE  
AGC CONTACTS: BRASS
- PLATING SPEC:  
CONTACTS: 0.76um MIN GOLD IN CONTACT AREA  
1.91um MIN 100% MATTE TIN (LEAD FREE) ON SOLDER TAIL  
1.27um MIN / 2.54um MAX NICKEL UNDERPLATE OVERALL  
AGC CONTACT: 1.91um MIN 100% MATTE TIN (LEAD FREE) OVER 1.27um / 2.54um MAX NICKEL
- DIMENSION TO BE MEASURED AT A DEPTH OF 6.0mm FROM DATUM [Z].
- DISTANCE MEASURED ACROSS CONTACT MATING SURFACES ALONG EFFECTIVE MATING AREA. CONTACT MUST BE ABOVE PLASTIC ALONG EFFECTIVE MATING AREA.
- APPLIES TO CONTACT SURFACES OF ALL SOLDER TAILS.
- EACH CONNECTOR SHALL BE PERMANENTLY AND LEGIBLY MARKED WITH FCI ID AND DATE CODE TRACEABLE TO THE YEAR AND WEEK OF MANUFACTURE.
- NOTED DIMENSION FROM DATUM [W] TO TANGENCY OF NOTED RADUIS.
- THE PART SHALL HAVE THE CUSTOMER PART NUMBER IN THE APPROXIMATE LOCATION SHOWN.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

| rev | ecn no   | dr  | date       |
|-----|----------|-----|------------|
| A   | S05-0367 | TAY | 2005-12-20 |
| B   | S06-0062 | TAY | 2006-02-27 |
| C   | S07-0002 | TAY | 2007-01-04 |
| -   | -        | -   | -          |
| -   | -        | -   | -          |
| -   | -        | -   | -          |

|                    |         |            |                                       |                             |            |              |
|--------------------|---------|------------|---------------------------------------|-----------------------------|------------|--------------|
| www.fciconnect.com |         |            | surface<br>ASME Y14.5                 | tolerance std<br>ASME Y14.5 | projection | MM           |
|                    |         |            | TOLERANCES UNLESS OTHERWISE SPECIFIED |                             |            |              |
| Dr                 | KP TAY  | 2005-12-20 | ANGULAR<br>0° ±2°                     | 0.X ±0.20                   | size       | Scale        |
| Eng                | KP TAY  | 2007-01-04 |                                       | 0.XX ±0.10                  | A4         | 1:1          |
| Chr                | KP TAY  | 2007-01-04 |                                       | 0.XXX ±0.05                 | ECN        | S07-0002     |
| Appr               | JOEY NG | 2007-01-04 | Product family                        |                             | Spec ref   |              |
| FCI                |         |            | title                                 |                             | dwg no     | Rev.         |
|                    |         |            | SCA-2 PLUG CONNECTOR                  |                             | 10051991   | C            |
|                    |         |            | catalog no                            |                             | CUSTOMER   | sheet 1 of 7 |



DETAIL C  
SCALE 4:1

DETAIL A  
SCALE 5:1



|            |  |
|------------|--|
| catalog no |  |
|------------|--|

dwg no

10051991

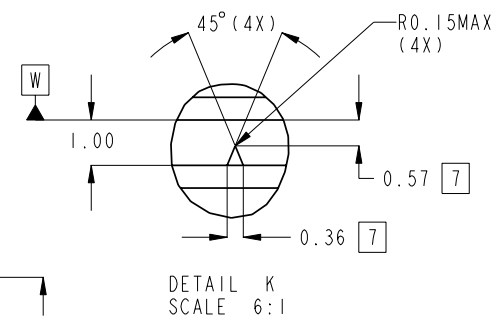
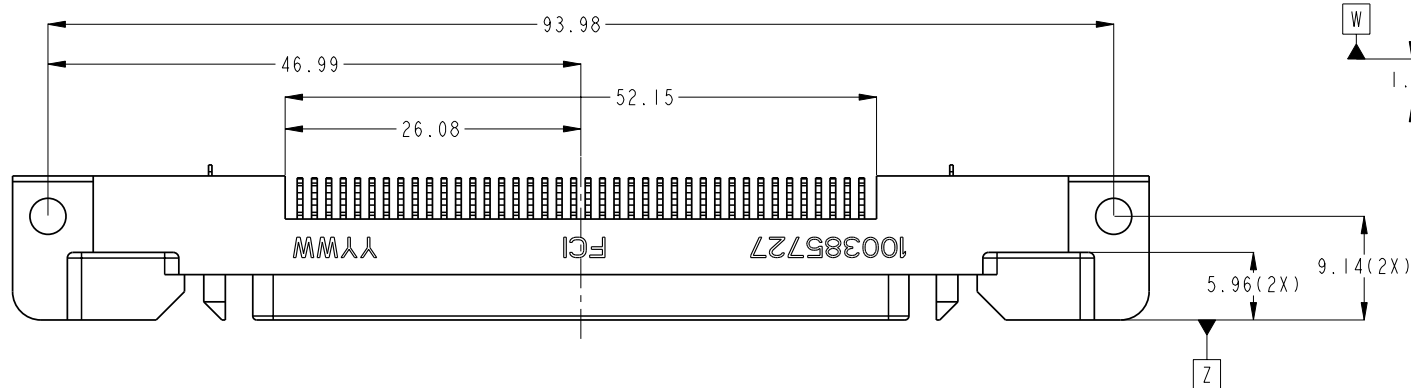
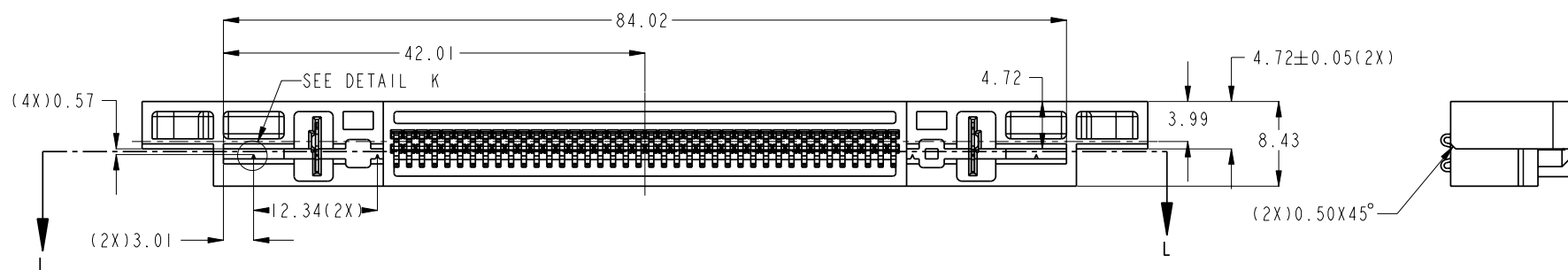
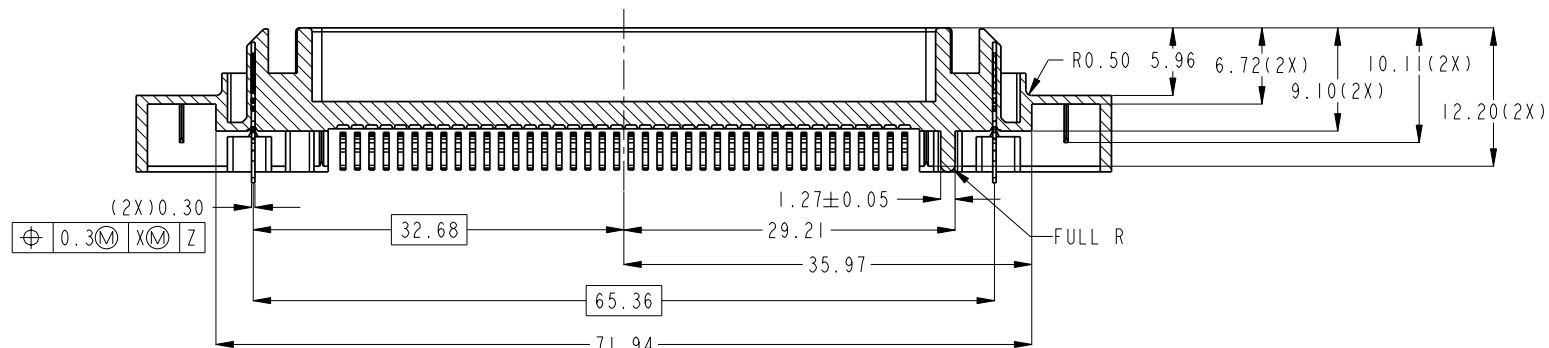
Rev.  
C

CUSTOMER

sheet 2 of 7

|                |
|----------------|
| PRODUCT NO.    |
| 10051991-021LF |

## SECTION L-L



SCA-2 PLUG CONNECTOR

|            |
|------------|
| catalog no |
|------------|

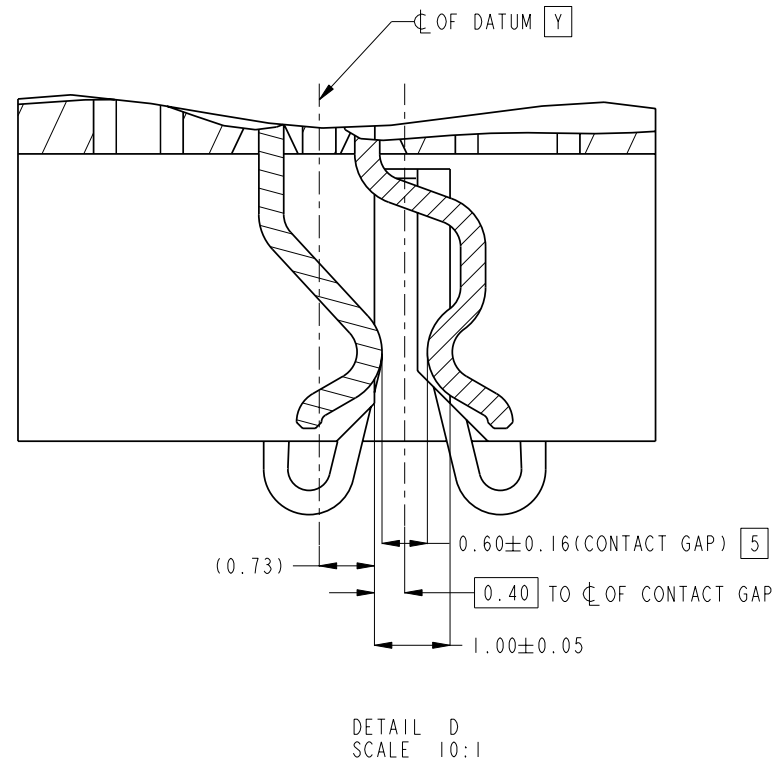
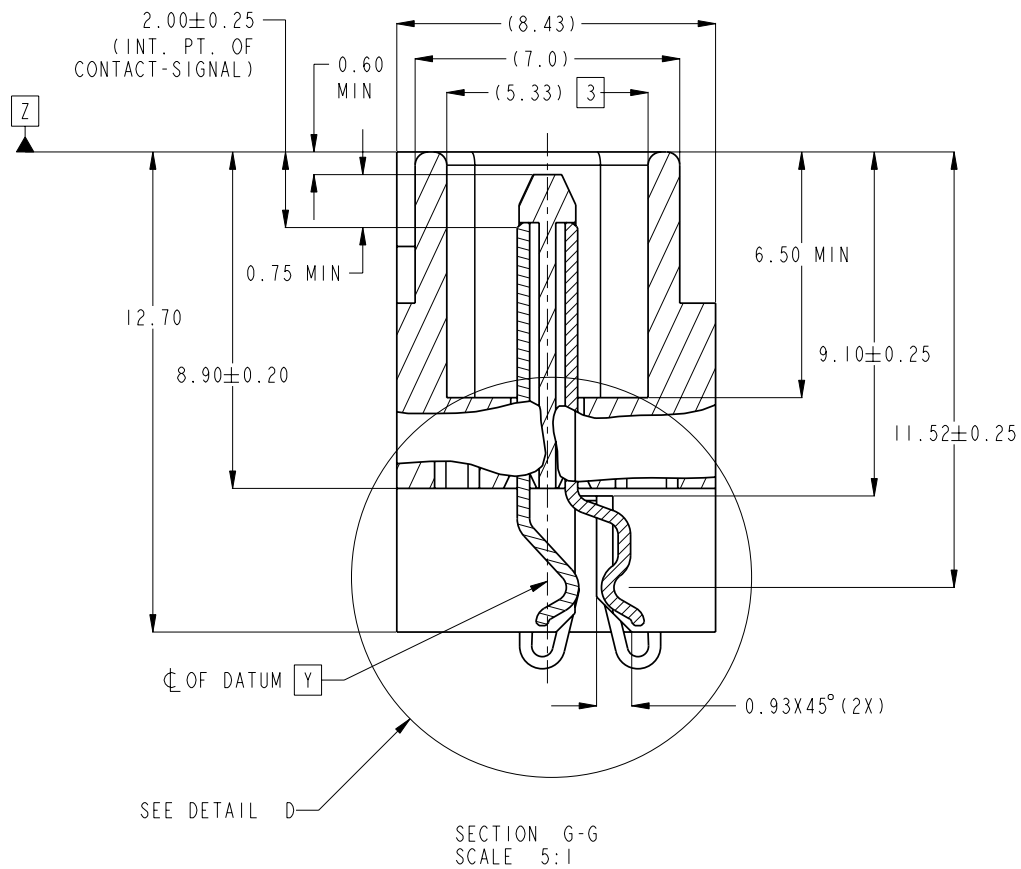
|      |          |
|------|----------|
| g no | 10051991 |
|------|----------|

Rev.  
C

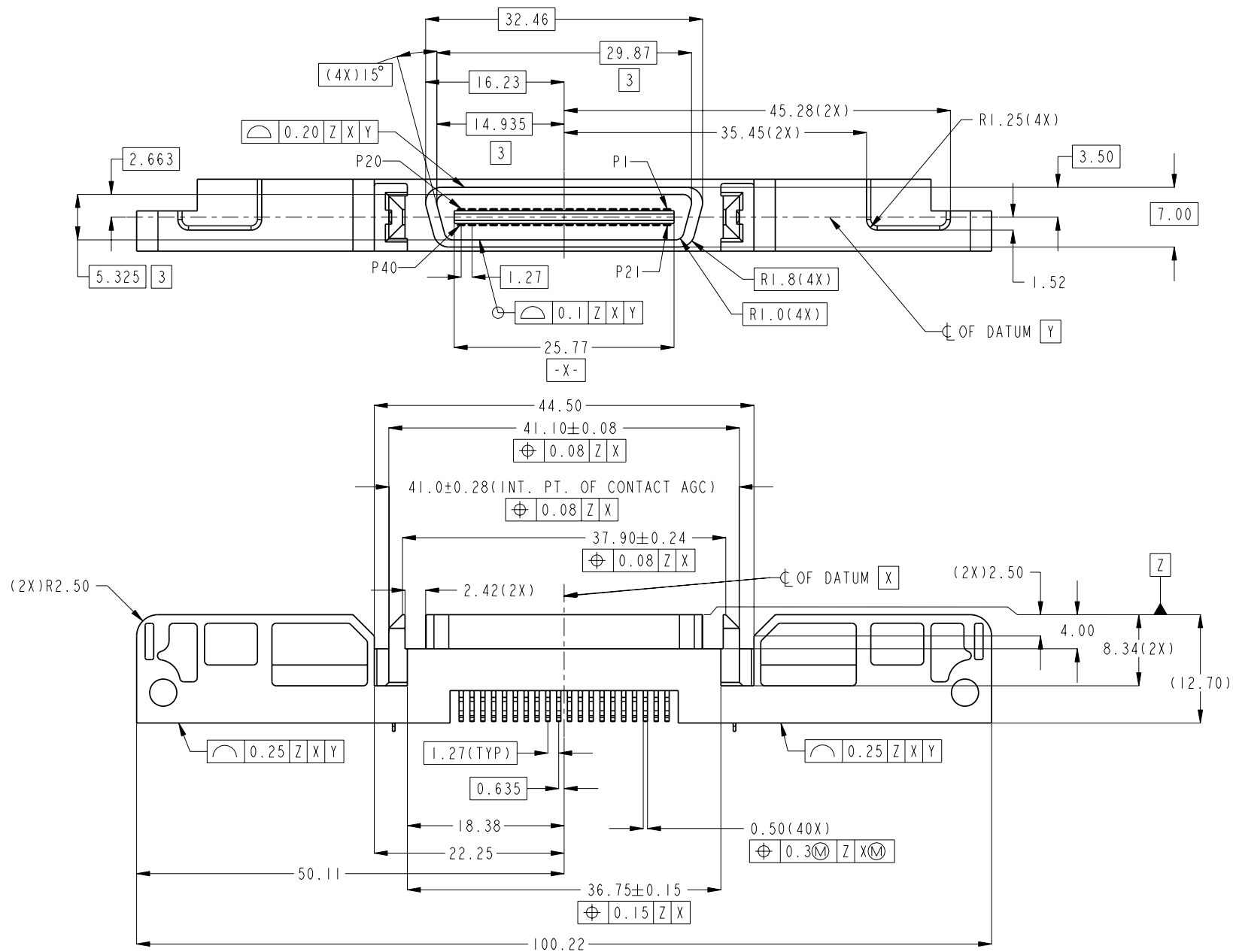
CUSTOMER

sheet 3 of 7

|                |
|----------------|
| PRODUCT NO.    |
| 10051991-021LF |
| 10051991-012LF |



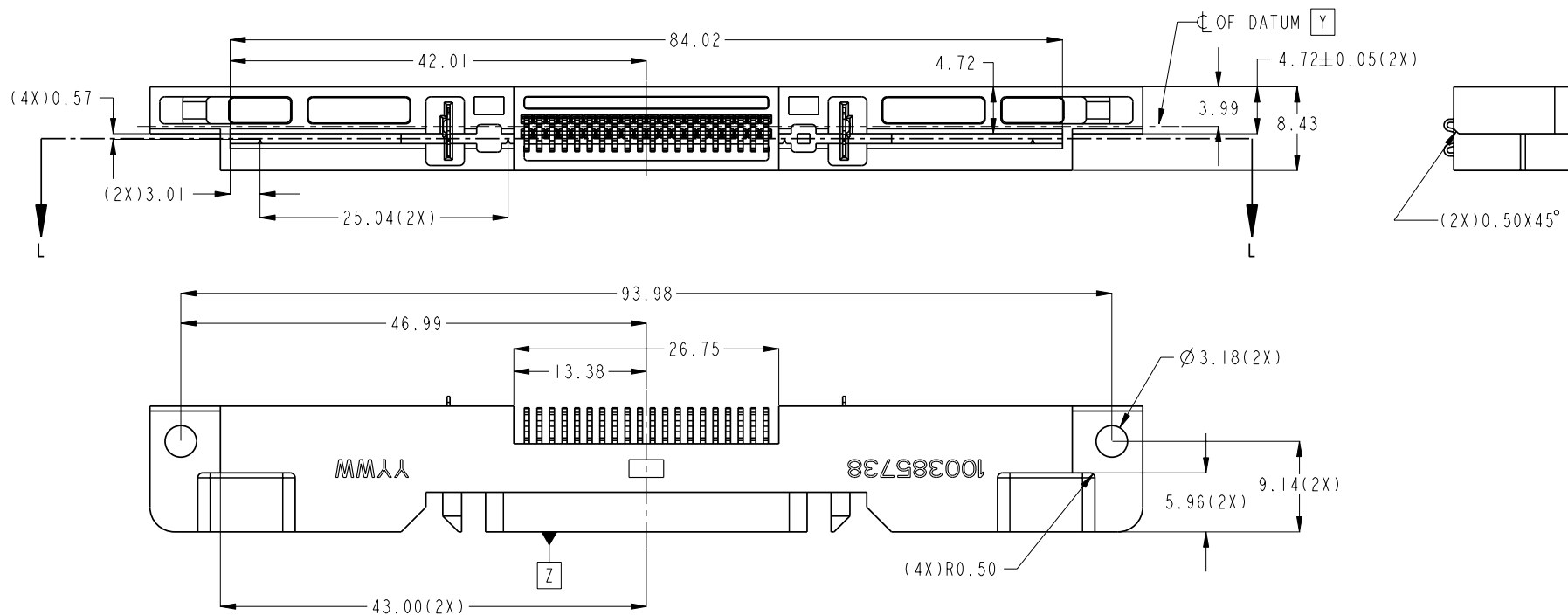
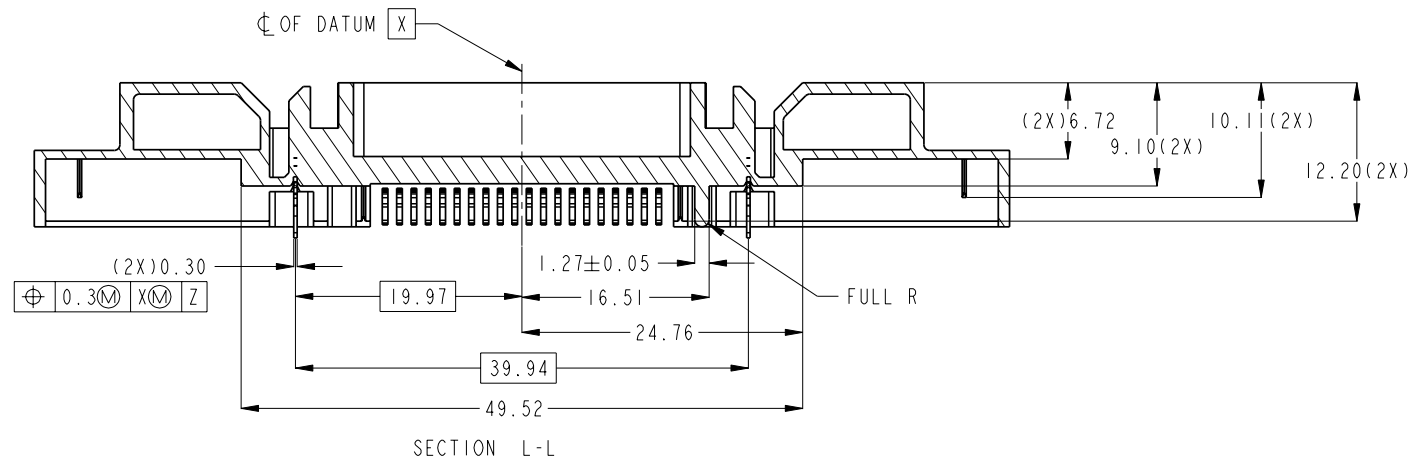
|     |            |                      |          |              |      |   |
|-----|------------|----------------------|----------|--------------|------|---|
| FCI | title      | SCA-2 PLUG CONNECTOR | dwg no   | 10051991     | Rev. | C |
|     | catalog no |                      | CUSTOMER | sheet 4 of 7 |      |   |





Copyright FCI.

PRODUCT NO.  
10051991-012LF



title SCA-2 PLUG CONNECTOR

catalog no

dwg no

10051991

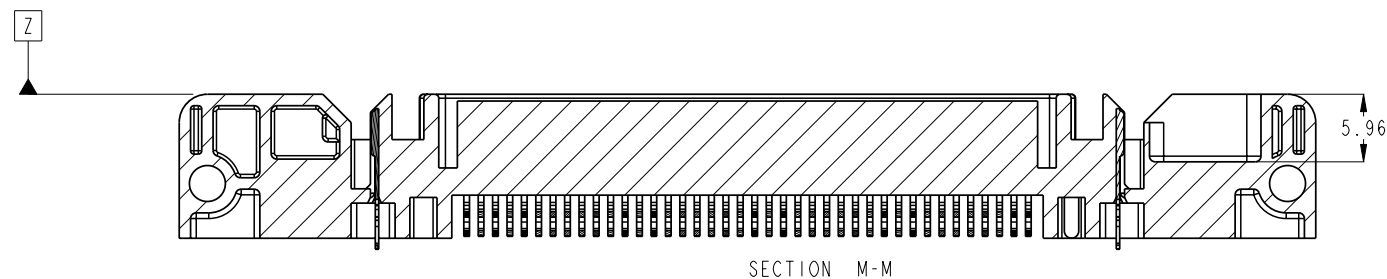
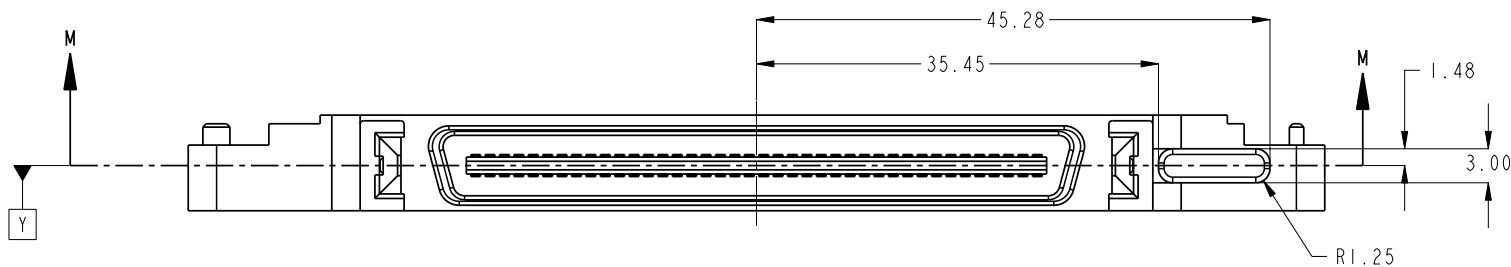
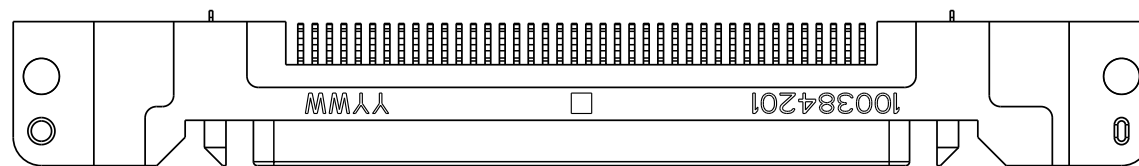
Rev.

C

CUSTOMER

sheet 6 of 7

PRODUCT NO.  
10051991-011LF



NOTE:  
UNSPECIFIED DIMENSIONS PLEASE REFER TO PAGE 2, 3 & 4

|                                                                                       |            |                      |  |          |              |      |   |
|---------------------------------------------------------------------------------------|------------|----------------------|--|----------|--------------|------|---|
|  | title      | SCA-2 PLUG CONNECTOR |  | dwg no   | 10051991     | Rev. | C |
|                                                                                       | catalog no |                      |  | CUSTOMER | sheet 7 of 7 |      |   |