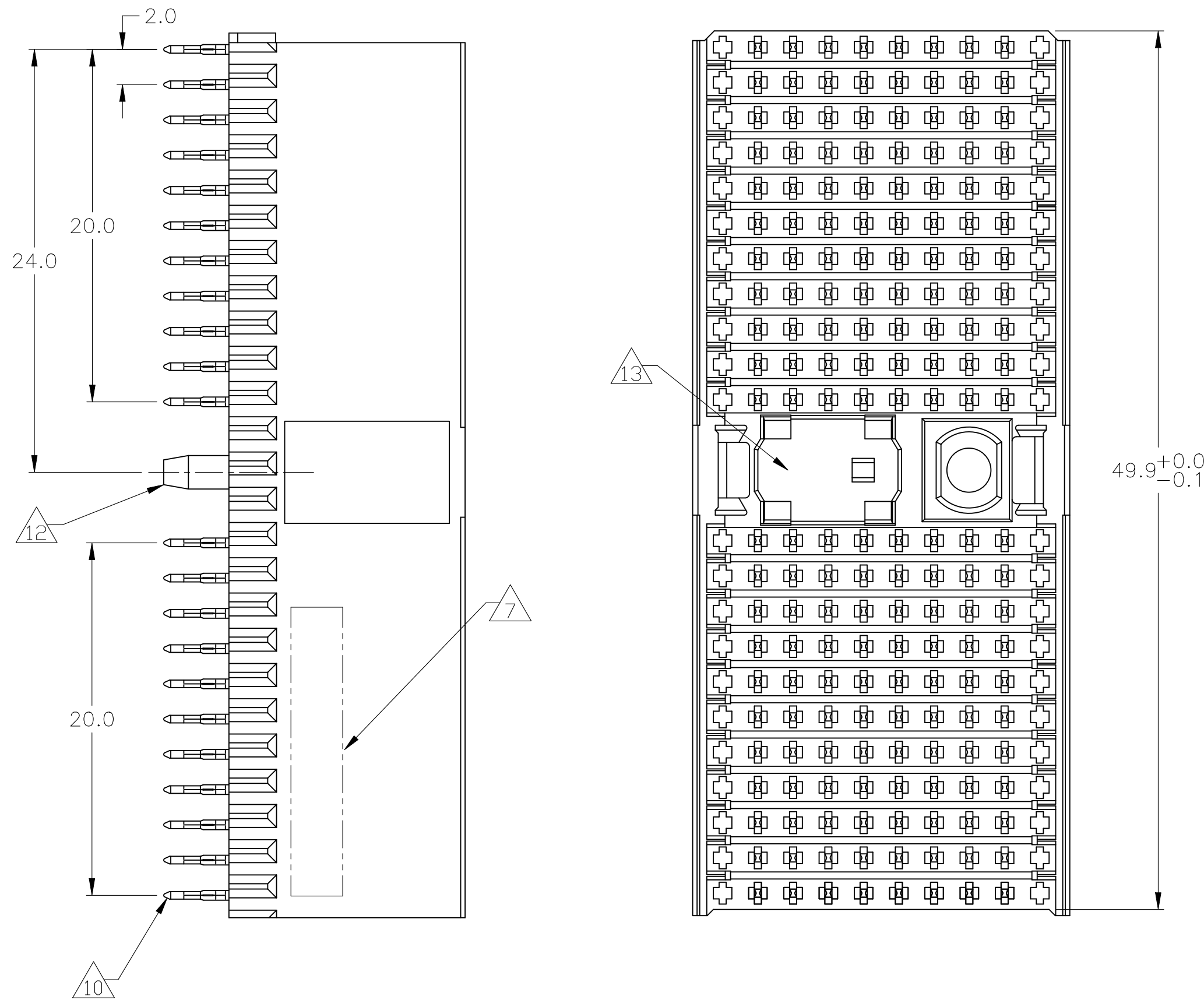


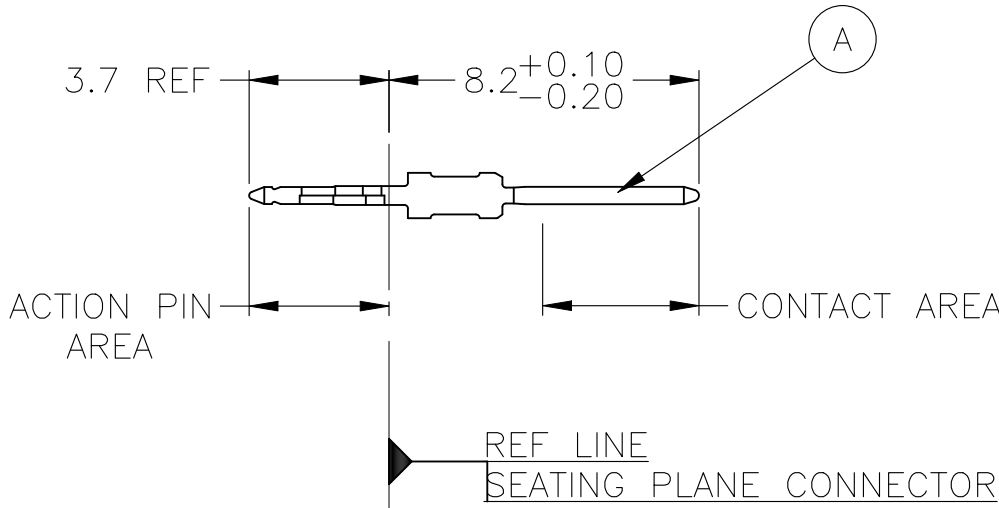
| REVISIONS |     |                                           |           |     |      |
|-----------|-----|-------------------------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION                               | DATE      | DWN | APVD |
| C1        |     | ALTERNATE PLATING ADDED PER PCN-25-253811 | 24JUL2025 | PSK | S.A  |

CONNECTOR ASSEMBLY  
EXAMPLARY LOADED



CONTACT DIMENSIONS

SCALE 5:1



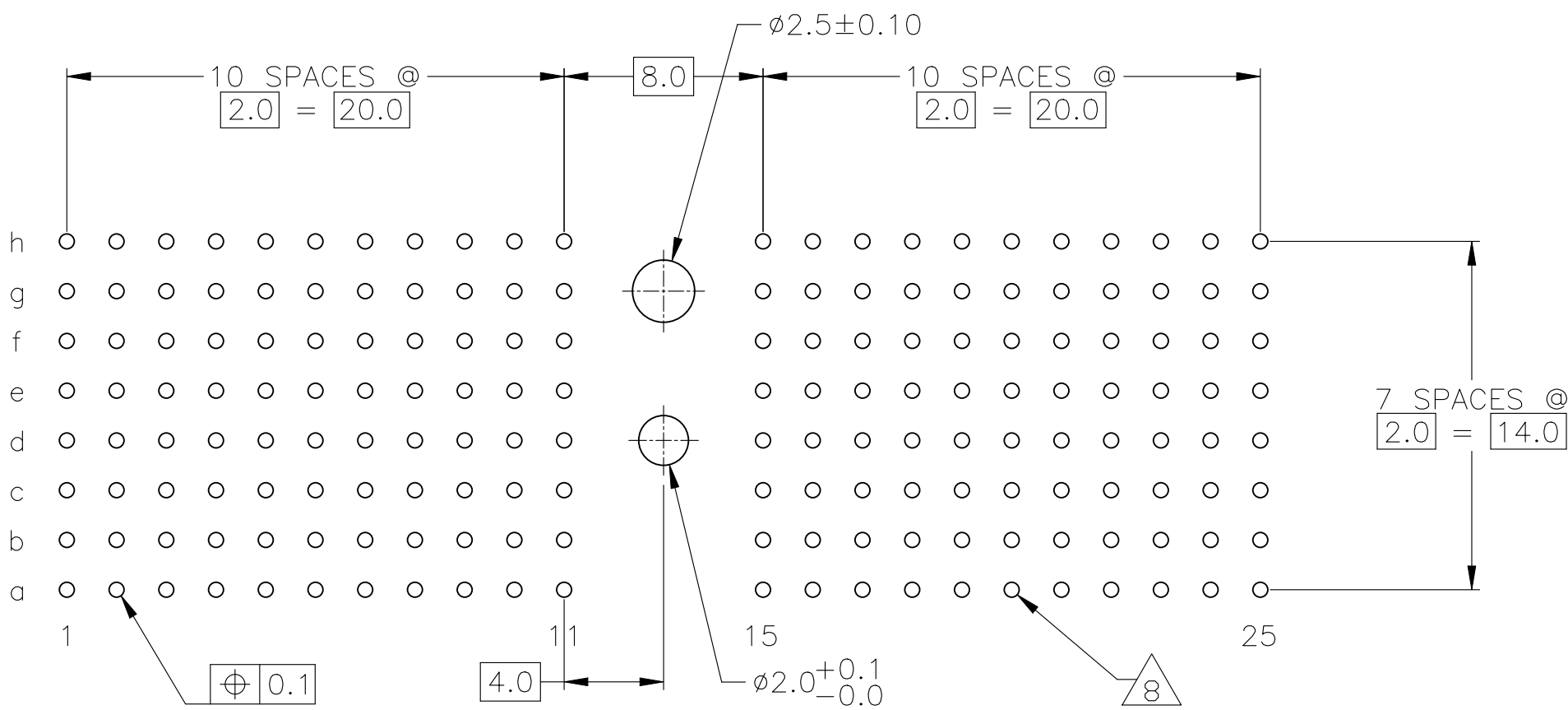
CONTACT LAYOUT

|    | z                    | a | b | c | d | e | f | g | h | i |
|----|----------------------|---|---|---|---|---|---|---|---|---|
| 1  |                      | A | A | A | A | A | A | A |   |   |
| 2  |                      | A | A | A | A | A | A | A |   |   |
| 3  |                      | A | A | A | A | A | A | A |   |   |
| 4  |                      | A | A | A | A | A | A | A |   |   |
| 5  |                      | A | A | A | A | A | A | A |   |   |
| 6  |                      | A | A | A | A | A | A | A |   |   |
| 7  |                      | A | A | A | A | A | A | A |   |   |
| 8  |                      | A | A | A | A | A | A | A |   |   |
| 9  |                      | A | A | A | A | A | A | A |   |   |
| 10 |                      | A | A | A | A | A | A | A |   |   |
| 11 |                      | A | A | A | A | A | A | A |   |   |
|    | MULTI PURPOSE CENTER |   |   |   |   |   |   |   |   |   |
| 15 |                      | A | A | A | A | A | A | A |   |   |
| 16 |                      | A | A | A | A | A | A | A |   |   |
| 17 |                      | A | A | A | A | A | A | A |   |   |
| 18 |                      | A | A | A | A | A | A | A |   |   |
| 19 |                      | A | A | A | A | A | A | A |   |   |
| 20 |                      | A | A | A | A | A | A | A |   |   |
| 21 |                      | A | A | A | A | A | A | A |   |   |
| 22 |                      | A | A | A | A | A | A | A |   |   |
| 23 |                      | A | A | A | A | A | A | A |   |   |
| 24 |                      | A | A | A | A | A | A | A |   |   |
| 25 |                      | A | A | A | A | A | A | A |   |   |

RECOMMENDED PCB-HOLE LAYOUT  
COMPONENT SIDE SHOWN

PLATED THRU HOLES PARAMETERS

REFERENCE APPLICATION SPECIFICATION



|          |        |             |
|----------|--------|-------------|
| OBSOLETE | 2 3 16 | 3-5646346-0 |
|          | 2 6 14 | 1-5646346-9 |
|          | 2 5 14 | 5646346-9   |
|          | 2 4    | 5646346-4   |
|          | 2 3    | 5646346-1   |
| FINISH   |        | PART NUMBER |

|                                                                                                                |  |  |                                    |                      |                    |                       |
|----------------------------------------------------------------------------------------------------------------|--|--|------------------------------------|----------------------|--------------------|-----------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                                         |  |  | DWN<br>B. CARBO<br>07JAN05         | TE Connectivity Ltd. |                    |                       |
| DIMENSIONS:<br>mm                                                                                              |  |  | CHK<br>G. SKIPPER<br>07JAN05       |                      |                    |                       |
|                                                                                                                |  |  | APVD<br>G. SKIPPER<br>PRODUCT SPEC |                      |                    |                       |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0-PLG ±<br>1-PLG ±0.1<br>2-PLG ±<br>3-PLG ±<br>4-PLG ±<br>ANGLES ±1° |  |  | NAME<br>108-1622                   |                      |                    |                       |
| MATERIAL<br>1                                                                                                  |  |  | APPLICATION SPEC<br>114-19029      |                      |                    |                       |
| SEE TABLE                                                                                                      |  |  | WEIGHT<br>-                        | SIZE<br>A1           | CAGE CODE<br>00779 | DRAWING NO<br>5646346 |
| CUSTOMER DRAWING                                                                                               |  |  | RESTRICTED TO<br>-                 |                      | SCALE<br>4:1       |                       |
|                                                                                                                |  |  | SHEET<br>1 OF 2                    |                      | REV<br>C1          |                       |

8

7

6

5

4

3

2

1

TE Connectivity. All Rights Reserved.

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.  
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

POLARIZATION FEATURE.

13

AREA RESERVED FOR KEYING PART (BASIC P/N 100525)

14

CONNECTOR LUBRICATED WITH BELCORE APPROVED LUBRICANT,  
TECHNICAL REFERENCE: TR-NWT-001217 ISSUE 1, SEP 1992.

15

OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

16

0.76um MIN GOLD PLATING OR 0.08um MIN GOLD OVER 0.68um MIN PdNi PLATING ON MATING SURFACES

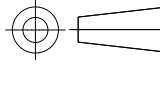
1

REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
| - | -   | SEE SHEET 1 | -    | -   | -    |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:  
0-PLG ±  
1-PLG ± 0.1  
2-PLG ±  
3-PLG ±  
4-PLG ±  
ANGLES ± 1°

±0.2

DWN  
B CARBO  
CHK  
G SKIPPER  
APVD  
G SKIPPER  
PRODUCT SPEC

108-1622

APPLICATION SPEC  
114-19029

WEIGHT  
-

CUSTOMER DRAWING

DWN  
B CARBO  
CHK  
G SKIPPER  
APVD  
G SKIPPER  
PRODUCT SPEC

NAME  
MALE ASSEMBLY, Z-PACK 2mm HM,  
TYPE D

SIZE  
A1

CAGE CODE  
00779

DRAWING NO  
5646346

RESTRICTED TO  
-

SCALE  
4:1

SHEET  
2

OF  
2

REV  
C1

4805 (1/15)