

4

3

2

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| REVISIONS |         |               |           |     |      |
|-----------|---------|---------------|-----------|-----|------|
| P         | LTR     | DESCRIPTION   | DATE      | DWN | APVD |
| F4        | REVISED | ECR-16-003280 | 06SEP2016 | KF  | HY   |

Top view of the connector housing. Dimensions include a width of 5 mm, a central hole diameter of  $2 \times \phi 2.4$ , and a total width of  $(2 \times \phi 6)$ .

Side view of the connector housing. Dimensions include a total length of  $75.5^{+0.5}$  mm, a pin pitch of 7 mm, and a total pin length of  $(23.5)$  mm. Pin positions are marked as 1, 3, 5, 1, 3, 5.

Detailed side view of the connector housing with tolerance callouts. Dimensions include a total length of  $15.8^{+0.5}$  mm, a pin pitch of 7 mm, and a total pin length of  $(23.5)$  mm. Pin positions are marked as 1, 3, 5, 1, 3, 5, 8. Tolerance callouts include  $\Delta 12.8$ ,  $\Delta 5.9$ ,  $\Delta 3.15$ ,  $\Delta 2.35$ ,  $\Delta 0$ ,  $\Delta 3.5$ ,  $\Delta 7$ ,  $\Delta 12.5$ ,  $\Delta 16$ ,  $\Delta 21.5$ ,  $\Delta 25$ ,  $\Delta 29.7$ ,  $\Delta 2.35$ ,  $\Delta 0$ ,  $\Delta 3.5$ ,  $\Delta 7$ ,  $\Delta 10.5$ ,  $\Delta 12.5$ ,  $\Delta 16$ ,  $\Delta 19.5$ ,  $\Delta 23$ ,  $\Delta 25$ ,  $\Delta 28.5$ ,  $\Delta 32$ ,  $\Delta 35.5$ , and  $\Delta 40.2$ .

PC BOARDED DIMENSION  
 プリント基板取付穴寸法

<THK>  
 板厚:  $1.6 \pm 0.15$   
 <TOL>  
 公差:  $\pm 0.1$

PC board dimension diagram showing hole positions and dimensions. Dimensions include a hole diameter of  $30 \times \phi 1$ , a hole pitch of 3.5 mm, and a total length of 67.8 mm. Hole positions are marked as 0, 3.5, 7, 12.5, 16, 21.5, 25, 32.3, 35.8, 39.3, 42.8, 44.8, 48.3, 51.8, 55.3, 57.3, 60.8, 64.3, and 67.8. Hole positions are also marked as  $2 \times \phi 3.2$  and  $1.75$ .

Cross-sectional view of the connector housing showing the plug housing and contact. A dimension line labeled 'A' indicates the measurement point for the contact.

1 TO BE MEASURED BETWEEN [A] AND 2  
 2 TO BE MATED WITH PLUG HOUSING SMOOTHLY  
 3. TO BE USE M3 TAPPING SCREW JIS B1115 OR 1122 (TYPE 2 OR 4) BEFORE SOLDER  
 4. APPLIED PLUG HOUSING PART NUMBER; 173851, 173853

1 [A] 面から 2mm の範囲で測定  
 2 相手ハウジングと所定の機能を満たして嵌合できること  
 3. プリント基板への取付けは、JIS B1115 又は 1122, M3×6 ナベ (2種又は4種) のタッピンネジで締付けた後ハンダ付けする  
 4. 嵌合相手ハウジング型番; 173851, 173853

TOLERANCE UNLESS OTHERWISE SPECIFIED:  
 一般公差

|              |         |
|--------------|---------|
| 0 < X ≤ 10   | : ±0.2  |
| 10 < X ≤ 30  | : ±0.25 |
| 30 < X ≤ 100 | : ±0.3  |
| ANGLE        | : ±3°   |
| 角度           |         |

THIS DRAWING IS A CONTROLLED DOCUMENT.

|             |  |
|-------------|--|
| DIMENSIONS: | TOLERANCES UNLESS OTHERWISE SPECIFIED: |
| mm          | 0 PLC ±                                |
|             | 1 PLC ± -                              |
|             | 2 PLC ± -                              |
|             | 3 PLC ± -                              |
|             | 4 PLC ± -                              |
|             | ANGLES ± -                             |
|             | FINISH -                               |

MATERIAL: HOUSING; PBT  
 CONTACT; BRASS

|                  |           |
|------------------|-----------|
| DWN              | 30AUG2012 |
| CHK              | 30AUG2012 |
| APVD             | 30AUG2012 |
| PRODUCT SPEC     | 108-5216  |
| APPLICATION SPEC | -         |
| WEIGHT           | 15 g      |
| CUSTOMER DRAWING | -         |

|                        |                     |             |                  |
|------------------------|---------------------|-------------|------------------|
| SELECTIVE-TIN (MATTE)  | SELECTIVE GOLD × 30 | NATURAL 自然色 | 2-5174961-1      |
|                        | PRE-TIN × 30        | NATURAL 自然色 | 1-174961-1       |
| SOLDERING SIDE 半田付け面   | CONTACT SIDE 接触部側   | COLOR 色     | PART NUMBER 製品型番 |
| CONTACT FINISH コンタクト仕上 |                     |             |                  |

TE Connectivity

070 SERIES MULTI-LOCK CONNECTOR  
 30 POSITION CAP HOUSING ASSEMBLY  
 V-TYPE

|       |           |            |               |
|-------|-----------|------------|---------------|
| SIZE  | CAGE CODE | DRAWING NO | RESTRICTED TO |
| A2    | 00779     | C=174961   | -             |
| SCALE | SHEET     | REV        |               |
| 2:1   | 1 OF 1    | F4         |               |

1471-9 (1/15)

174961

A