

**NOTES:**

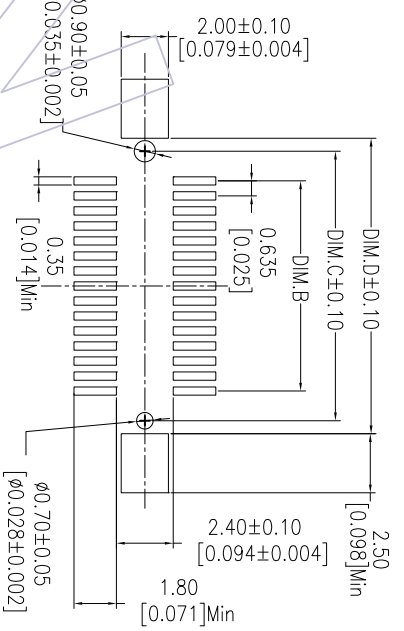
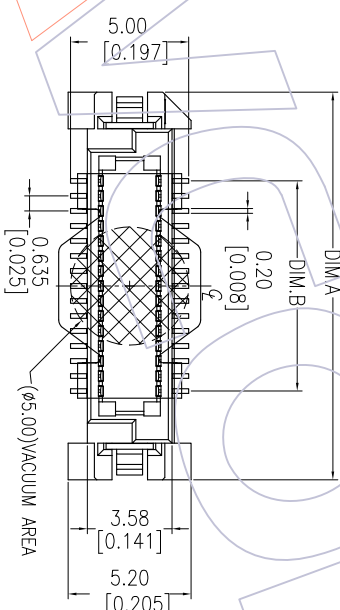
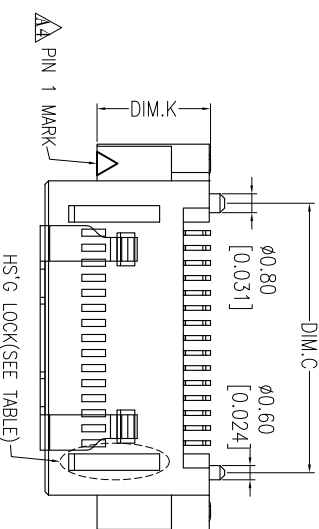
1. Electrical Performance:
- 1-1. Current Rating: 0.5 A at AC 100V.
- 1-2. Withstand Voltage: 250V AC.
- 1-3. Contact Resistance: See Table.  $\Delta A$
- 1-4. Insulation Resistance: 1000M $\Omega$  Min.
- 1-5. Operation Temperature: -55°C to +85°C
2. Material:
- 2-1. Housing: LCP, Black/Natural; UL94V-0.  $\Delta A$
- 2-2. Contact: Phosphor Bronze, T=0.20mm.
- 2-3. Fitting Nail: Brass, T=0.25mm.
- 2-4. Metal Cap: Stainless Steel, T=0.20mm.
3. Finish:
- 3-1. Contact: Gold Plating On Contact Area; Matte Tin Plating On Solder Tails, Over Ni.
- 3-2. Fitting Nail: Sn Plating Over Ni Under Plating

Flatness: <80Pins The "W" Is 0.12mm MAX  
 ≥80Pins The "W" Is 0.15mm MAX

## Ordering Information

3660-PXXXX - XXXX XX R 01

No. of Pins    Housing High    Contact Plating    R=Tape&Reel+CAP  
 G1=3u"Gold    G2=5u"Gold    G1=3u"Gold/Tin    S2=5u"Gold/Tin    S3=10u"Gold/Tin



| ASS'Y HIGH (H) | Before Test    | After Test     |
|----------------|----------------|----------------|
| 6.0 ~ 7.0      | ≤ 40m $\Omega$ | ≤ 60m $\Omega$ |
| 8.0 ~ 10.0     | ≤ 50m $\Omega$ | ≤ 70m $\Omega$ |
| 11.0 ~ 13.0    | ≤ 60m $\Omega$ | ≤ 80m $\Omega$ |
| 14.0 ~ 16.0    | ≤ 70m $\Omega$ | ≤ 90m $\Omega$ |

| PART NO.           | DIM.N | DIM.K |
|--------------------|-------|-------|
| 3660-PXXX-050XXR01 | 5.00  | 2.80  |
| 3660-PXXX-060XXR01 | 6.00  | 3.80  |
| 3660-PXXX-070XXR01 | 7.00  | 4.80  |
| 3660-PXXX-080XXR01 | 8.00  | 5.80  |
| 3660-PXXX-090XXR01 | 9.00  | 6.80  |

| ASS'Y HIGH(H) | PLUG(H1) | SOCKET(H2) |
|---------------|----------|------------|
| 6.00          | 5.00     | 4.00       |
| 7.00          | 6.00     |            |
| 8.00          | 7.00     |            |
| 9.00          | 8.00     |            |
| 10.00         | 9.00     |            |
| 12.00         | 5.00     | 10.00      |
| 13.00         | 6.00     |            |
| 14.00         | 7.00     |            |
| 15.00         | 8.00     |            |
| 16.00         | 9.00     |            |

| REV | DATE       | MODIFICATION DESCRIPTION      | CHANGE     |
|-----|------------|-------------------------------|------------|
| A4  | 2014/05/07 | Modify                        | $\Delta A$ |
| A3  | 2014/03/07 | Modify The Contact Resistance | $\Delta A$ |
| A2  | 2014/02/27 | Modify The Housing Material   | $\Delta A$ |
| A0  | 2012/11/20 | NEW                           |            |

| OPERATION   | DRAW  | DATE       |
|-------------|-------|------------|
| XX ±0.40    | Allen | 2014/05/07 |
| X.XX ±0.25  | CHECK | DATE       |
| X.XXX ±0.15 | CHECK | DATE       |

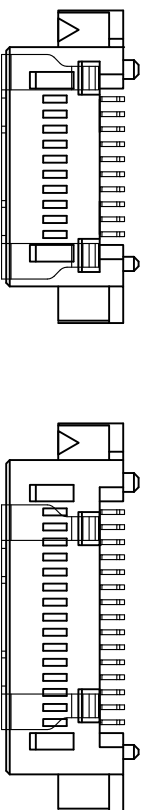
| APPROVE | DATE |
|---------|------|
|         |      |

| SCALE | FIT |
|-------|-----|
| UNIT  | mm  |
| SIZE  | A4  |
| SHEET | 1/2 |
| PROJ. |     |

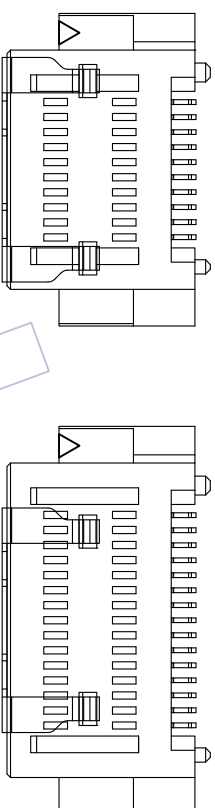
| PART NO.           | TITLE:   |
|--------------------|--|
| 3660-PXXX-XXXXXR01 | 0.635mm BTB "M" TYPE<br>MALE 180° SMT $\Delta A$ |

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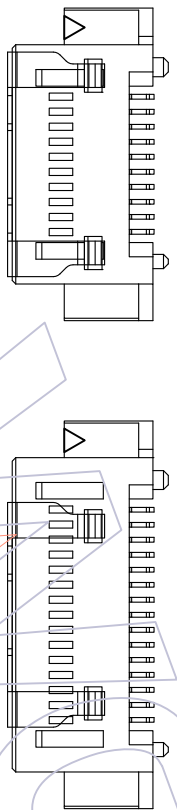
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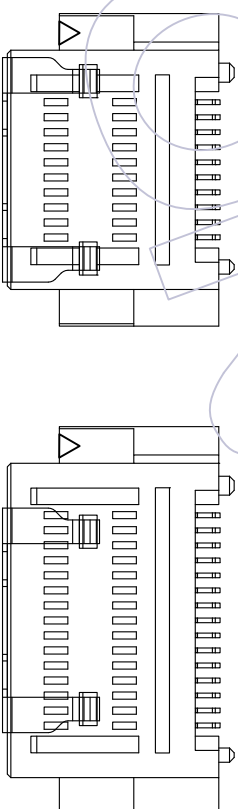
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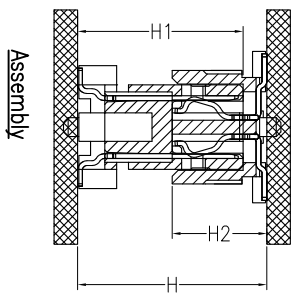
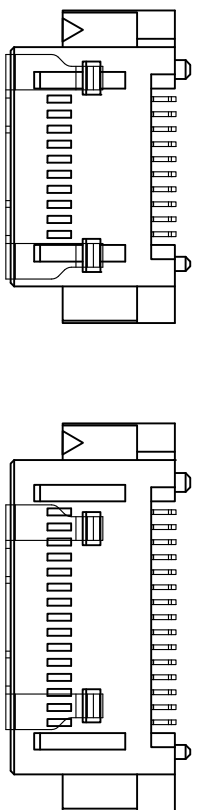
3660-PXXX-060XXR01



3660-PXXX-090XXR01



3660-PXXX-070XXR01



| NO        | 53.77 | 52.67 | 50.165 | 57.67 | 160    |
|-----------|-------|-------|--------|-------|--------|
|           | 47.42 | 46.32 | 43.815 | 51.32 | 140    |
|           | 41.07 | 39.97 | 37.465 | 44.97 | 120    |
|           | 34.72 | 33.62 | 31.115 | 38.62 | 100    |
|           | 31.55 | 30.45 | 27.940 | 35.45 | 90     |
|           | 28.37 | 27.27 | 24.765 | 32.27 | 80     |
|           | 25.20 | 24.10 | 21.590 | 29.10 | 70     |
|           | 22.02 | 20.92 | 18.415 | 25.92 | 60     |
|           | 18.85 | 17.75 | 15.240 | 22.75 | 50     |
|           | 15.67 | 14.57 | 12.065 | 19.57 | 40     |
|           | 12.50 | 11.40 | 8.890  | 16.40 | 30     |
|           | 9.32  | 8.22  | 5.715  | 13.22 | 20     |
| HS'G LOCK | DIM.D | DIM.C | DIM.B  | DIM.A | PIN NO |

| REV | DATE       | MODIFICATION DESCRIPTION      | CHANGE | OPERATION             | DRAW           | DATE       | SCALE     | FIT | PART NO.           | TITLE:                                  | Customer NO. |
|-----|------------|-------------------------------|--------|-----------------------|----------------|------------|-----------|-----|--------------------|---|--------------|
| A4  | 2014/05/07 | Modify                        | △A     | OPERATION<br>XX ±0.40 | Drawn<br>Allen | 2014/05/07 | mm        | A4  | 3660-PXXX-XXXXXR01 | 0.635mm BTB "M"TYPE<br>MALE 180° SMT △A |              |
| A3  | 2014/03/07 | Modify The Contact Resistance | △A     | XX ±0.25              | CHECK          |            | inch      |     |                    |   |              |
| A2  | 2014/02/27 | Modify The Housing Material   | △A     | X.XXX ±0.15           | CHECK          |            | A4        |     |                    |   |              |
| A0  | 2012/11/20 | NEW                           |        | Angle ± 3°<br>DIM TOL | APPROVE        |            | SHEET 2/2 |     |                    |   |              |
| REV | DATE       | MODIFICATION DESCRIPTION      | CHANGE |                       |                |            | PROJ.     |     |                    |   |              |



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