

## Product Change Notification (PCN)

Issue Date: 16.09.2020  
Modification / Revision Date: 16.09.2020

**A-RFxxxxx-x**  
**DIN41612**

**Change Notification :** PCN20200916\_A-RFxxxxx-x

**Description of changes :**  
1. Change of production location  
2. New Draw.-No.ASS\_5680\_COrev01

**Reason for Change :** Change of production location

**Key Characteristics of Change :** Details see page 3

**Products Affected :**  
A-RFxxxxx-x  
Type R, female, right angle

**Date of change and Implementation :**  
Change : Week 38 / Year 2020  
Implementation: 16.09.2020

**Response :** No response to this notification is required.

### PCN Revision History :

Date of Revision : 16.09.2020

Revision Number: 00

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Issue Date: 16.09.2020  
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**Reference Documents / Attachments:**

Document: Drawing

| ASSMANN WSW P/N | Drawing Number   |   |                  |
|-----------------|------------------|---|------------------|
| A-RF32AR        | ASS_4026_COrev03 | ↔ | ASS_5680_COrev01 |
| A-RF32AR-1      | ASS_4026_COrev03 | ↔ | ASS_5680_COrev01 |
| A-RF32AR-2      | ASS_4026_COrev03 | ↔ | ASS_5680_COrev01 |
| A-RF32acR-1     | ASS_4027_COrev02 | ↔ | ASS_5680_COrev01 |
| A-RF32acR-2     | ASS_4027_COrev02 | ↔ | ASS_5680_COrev01 |
| A-RF64acR       | ASS_5680_COrev00 | ↔ | ASS_5680_COrev01 |
| A-RF64acR-2     | ASS_5680_COrev00 | ↔ | ASS_5680_COrev01 |
| A-RF48abcR      | ASS_2287_COrev03 | ↔ | ASS_5680_COrev01 |
| A-RF48abcR-2    | ASS_2287_COrev03 | ↔ | ASS_5680_COrev01 |
| A-RF96abcR      | ASS_5680_COrev00 | ↔ | ASS_5680_COrev01 |
| A-RF96abcR-2    | ASS_5680_COrev00 | ↔ | ASS_5680_COrev01 |
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**PCN Revision History :**

Date of Revision : 16.09.2020

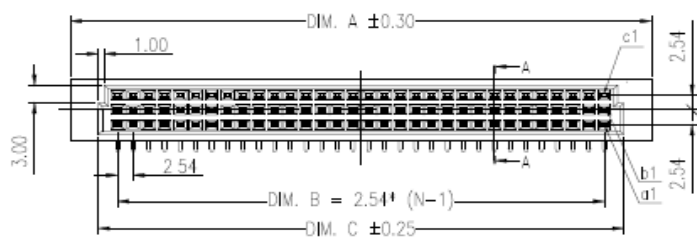
Revision Number: 00

## Product Change Notification(PCN)

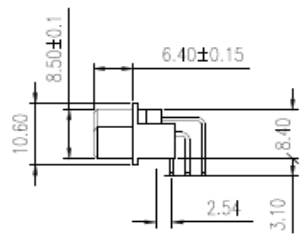
Issue Date: 16.09.2020  
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| A-RFxxxx-x  |   | Old version | A-RFxxxx-x            |  | New version     |   |                  |          |                     |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
|---|---|-------------|-----------------------|--|-----------------|---|------------------|----------|---------------------|------|-------|-------|--------|-----|-----|---------------|-----|--|-------------|---|-----------------|------|-----------|--|----|-------|--------|------------|-------------|----------|---------------|------------------|---------------|----------|---------------------|-------|---|----|----|---|---|--|--|--|--|---|--|--|--|--|--|--|--|--|--|-------|---|----|----|---|---|--------------|------------------|------|-----------------|--|--|----|-----|--|---|--|--|--|--|--|--|----|---|--|-------|--|--|--|------|--|--|----|---|--|--|--|--|--|------|
| Tolerance :   | <table border="1"> <tr><td>Scale</td><td>1:1</td></tr> <tr><td colspan="2">TOLERANCE</td></tr> <tr><td>X.</td><td>±0.25</td></tr> <tr><td>X.X</td><td>±0.1</td></tr> <tr><td>X.XX</td><td>±0.05</td></tr> <tr><td>X.XXX</td><td>±0.012</td></tr> <tr><td>DIM</td><td>TOL</td></tr> <tr><td>Angle</td><td>±1°</td></tr> </table>   | Scale       | 1:1                   | TOLERANCE  |                 | X.  | ±0.25            | X.X      | ±0.1                | X.XX | ±0.05 | X.XXX | ±0.012 | DIM | TOL | Angle         | ±1° |  | Tolerance : | <table border="1"> <tr><td>Scale</td><td>Free</td></tr> <tr><td colspan="2">TOLERANCE</td></tr> <tr><td>X.</td><td>±X</td></tr> <tr><td>X.X</td><td>±0.40</td></tr> <tr><td>X.XX</td><td>±0.25</td></tr> <tr><td>X.XXX</td><td>±0.15</td></tr> <tr><td>DIM</td><td>TOL</td></tr> <tr><td>Angle</td><td>±3°</td></tr> </table> | Scale           | Free | TOLERANCE |  | X. | ±X    | X.X    | ±0.40      | X.XX        | ±0.25    | X.XXX         | ±0.15            | DIM           | TOL      | Angle               | ±3°   |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
| Scale   | 1:1   |             |                       |  |                 |   |                  |          |                     |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
| TOLERANCE   |   |             |                       |  |                 |   |                  |          |                     |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
| X.  | ±0.25   |             |                       |  |                 |   |                  |          |                     |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
| X.X   | ±0.1  |             |                       |  |                 |   |                  |          |                     |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
| X.XX  | ±0.05   |             |                       |  |                 |   |                  |          |                     |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
| X.XXX   | ±0.012  |             |                       |  |                 |   |                  |          |                     |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
| DIM   | TOL   |             |                       |  |                 |   |                  |          |                     |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
| Angle   | ±1°   |             |                       |  |                 |   |                  |          |                     |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
| Scale   | Free  |             |                       |  |                 |   |                  |          |                     |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
| TOLERANCE   |   |             |                       |  |                 |   |                  |          |                     |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
| X.  | ±X  |             |                       |  |                 |   |                  |          |                     |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
| X.X   | ±0.40   |             |                       |  |                 |   |                  |          |                     |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
| X.XX  | ±0.25   |             |                       |  |                 |   |                  |          |                     |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
| X.XXX   | ±0.15   |             |                       |  |                 |   |                  |          |                     |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
| DIM   | TOL   |             |                       |  |                 |   |                  |          |                     |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
| Angle   | ±3°   |             |                       |  |                 |   |                  |          |                     |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
| Contact   | Gender  | female      | Contact               | Gender   | female          |   |                  |          |                     |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
|   | Design  | double      |                       | Design   | double          |   |                  |          |                     |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
|   | <div style="border: 1px solid red; padding: 5px;"> <p>Thickness :0.35±0.02mm<br/> Width :0.60±0.04mm<br/> Tail Length :3- 0.4mm</p> </div>  |             |                       | <div style="border: 1px solid red; padding: 5px;"> <table border="1"> <tr><th colspan="10">DIN41612 STYLE R FEMALE INVERSIVE RIGHT-ANGLE</th></tr> <tr><th colspan="5">ORDERING CODE</th><th colspan="5">CONTACT DETAILS</th></tr> <tr><td>Style</td><td>M=Male</td><td>No of pins</td><td>Rows loaded</td><td>Pin type</td><td>Plating Class</td><td>Pin length in mm</td><td>Cross section</td><td>Pin load</td><td>Pin type/ direction</td></tr> <tr><td>A - R</td><td>F</td><td>xx</td><td>xx</td><td>x</td><td>x</td><td></td><td></td><td></td><td></td></tr> <tr><td colspan="10">Options (if another contact loading option is needed, please contact your sales office)</td></tr> <tr><td>A - R</td><td>F</td><td>96</td><td>ab</td><td>R</td><td>1</td><td>3.00 (±0.25)</td><td>0.60x0.60(±0.03)</td><td>3x32</td><td>THT right-angle</td></tr> <tr><td></td><td></td><td>64</td><td>a+c</td><td></td><td>2</td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>32</td><td>a</td><td></td><td>blank</td><td></td><td></td><td></td><td>1x32</td></tr> <tr><td></td><td></td><td>32</td><td>b</td><td></td><td></td><td></td><td></td><td></td><td>1x32</td></tr> </table> </div> |                 | DIN41612 STYLE R FEMALE INVERSIVE RIGHT-ANGLE |                  |          |                     |      |       |       |        |     |     | ORDERING CODE |     |  |             |   | CONTACT DETAILS |      |           |  |    | Style | M=Male | No of pins | Rows loaded | Pin type | Plating Class | Pin length in mm | Cross section | Pin load | Pin type/ direction | A - R | F | xx | xx | x | x |  |  |  |  | Options (if another contact loading option is needed, please contact your sales office) |  |  |  |  |  |  |  |  |  | A - R | F | 96 | ab | R | 1 | 3.00 (±0.25) | 0.60x0.60(±0.03) | 3x32 | THT right-angle |  |  | 64 | a+c |  | 2 |  |  |  |  |  |  | 32 | a |  | blank |  |  |  | 1x32 |  |  | 32 | b |  |  |  |  |  | 1x32 |
| DIN41612 STYLE R FEMALE INVERSIVE RIGHT-ANGLE   |   |             |                       |  |                 |   |                  |          |                     |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
| ORDERING CODE   |   |             |                       |  | CONTACT DETAILS |   |                  |          |                     |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
| Style   | M=Male  | No of pins  | Rows loaded           | Pin type   | Plating Class   | Pin length in mm                              | Cross section    | Pin load | Pin type/ direction |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
| A - R   | F   | xx          | xx                    | x  | x               |   |                  |          |                     |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
| Options (if another contact loading option is needed, please contact your sales office) |   |             |                       |  |                 |   |                  |          |                     |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
| A - R   | F   | 96          | ab                    | R  | 1               | 3.00 (±0.25)                                  | 0.60x0.60(±0.03) | 3x32     | THT right-angle     |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
|   |   | 64          | a+c                   |  | 2               |   |                  |          |                     |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
|   |   | 32          | a                     |  | blank           |   |                  |          | 1x32                |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
|   |   | 32          | b                     |  |                 |   |                  |          | 1x32                |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
| Plating   | <div style="border: 1px solid red; padding: 5px;"> <p>Contact Finish(Option in Part Number "-x")<br/> -1: 25µ" (0.63µm)Pd/Ni and 2µ"Gold Plating on Mating Area ,100 µ"(2.54µm)Tin Plating on Tail Area,<br/> Flash Gold Plating on Non-mating Area,50 µ" (1.27µm)Nickel Underplate All Over<br/> -2: 12µ" (0.30µm)Pd/Ni and 2µ"Gold Plating on Mating Area ,100 µ"(2.54µm)Tin Plating on Tail Area,<br/> Flash Gold Plating on Non-mating Area,50 µ" (1.27µm)Nickel Underplate All Over<br/> Blank: Flash Gold Plating on mating Area and non-mating Area,<br/> Tin Plating on Tail Area,Nickel Underplate All Over</p> </div> |             | Plating               | <div style="border: 1px solid red; padding: 5px;"> <p>Performance class I<br/> (-1) 500 mating cycles min.<br/> 30u" AU plating on mating area, Gold Flash on non-mating area,<br/> 50u" Nickel underplating<br/> 100u" Sn plating on solder area over 50u" Nickel</p> <p>Performance class II<br/> (-2) 250 mating cycles min.<br/> 15u" AU plating on mating area, Gold Flash on non-mating area,<br/> 50u" Nickel underplating<br/> 100u" Sn plating on solder area over 50u" Nickel</p> <p>Performance class III<br/> (blank) 50 mating cycles min.<br/> Gold flash on mating side over 50u" Nickel<br/> 100u" Sn plating on solder area over 50u" Nickel</p> </div>   |                 |   |                  |          |                     |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
| Insulator Appearance:   | <div style="border: 1px solid red; padding: 5px;"> </div>   |             | Insulator Appearance: | <div style="border: 1px solid red; padding: 5px;"> </div>  |                 |   |                  |          |                     |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |
| For detail, please take attached new drawing: ASS_5680_COrev01 for reference            |   |             |                       |  |                 |   |                  |          |                     |      |       |       |        |     |     |               |     |  |             |   |                 |      |           |  |    |       |        |            |             |          |               |                  |               |          |                     |       |   |    |    |   |   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |       |   |    |    |   |   |              |                  |      |                 |  |  |    |     |  |   |  |  |  |  |  |  |    |   |  |       |  |  |  |      |  |  |    |   |  |  |  |  |  |      |

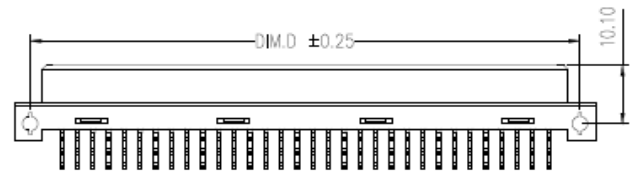
A



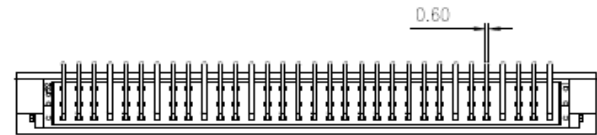
B



C

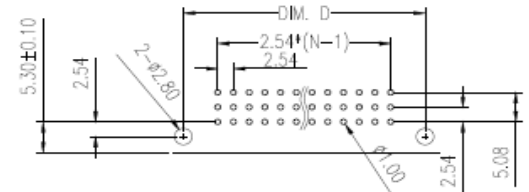


D



E

Recommended P.C.B Layout(Top Side)  
(PCB BOARD TOLERANCE±0.05)



| ROWS | DIM.A | DIM.B | DIM.C | DIM.D |
|------|-------|-------|-------|-------|
| 3    | 94.00 | 78.74 | 85.00 | 88.90 |
| 2    | 94.00 | 78.74 | 85.00 | 88.90 |
| 1    | 54.00 | 38.10 | 44.40 | 48.26 |

**Technical specifications:**

**Materials:**

- 1. Insulator: Glass-Filled PBT, Color: Grey, UL 94V-0
- 2. Contact: Copper Alloy

**Contact plating according DIN41612 performance classes:**

- Performance class I (1) 500 mating cycles min.  
30u" AU plating on mating area, Gold Flash on non-mating area,  
50u" Nickel underplating  
100u" Sn plating on solder area over 50u" Nickel
- Performance class II (2) 250 mating cycles min.  
15u" AU plating on mating area, Gold Flash on non-mating area,  
50u" Nickel underplating  
100u" Sn plating on solder area over 50u" Nickel
- Performance class III (blank) 50 mating cycles min.  
Gold flash on mating side over 50u" Nickel  
100u" Sn plating on solder area over 50u" Nickel

**Other specifications:**

- Contact resistance: 20mOhm max.
- Insulation resistance: 10<sup>12</sup>Ohm min.
- Current rating: 2A
- Operating temperature: -40°C to 105°C
- Operating voltage: 125VAC
- Test voltage: 1000VAC
- Packaging: Tray

| DIN41612 STYLE R FEMALE INVERSIVE RIGHT-ANGLE   |        |          |            |                 |          |               | CONTACT DETAILS |               |              |                  |      |                 |
|---|--------|----------|------------|-----------------|----------|---------------|-----------------|---------------|--------------|------------------|------|-----------------|
| ORDERING CODE   |        |          |            | CONTACT DETAILS |          |               | Pin length      | Cross section | Pin          | Pin type/        |      |                 |
| Style   | M=Male | F=Female | No of pins | Rows loaded     | Pin type | Plating Class | in mm           |               | load         | direction        |      |                 |
| A   | -      | R        | F          | xx              | xx       | x             | -               | x             |              |                  |      |                 |
| Options (if another contact loading option is needed, please contact your sales office) |        |          |            |                 |          |               |                 |               |              |                  |      |                 |
| A   | -      | R        | F          | 96              | ab       | R             | -               | 1             | 3.00 (±0.25) | 0.60x0.60(±0.03) | 3x32 | THT right-angle |
|   |        |          |            | 64              | a+c      |               |                 | 2             |              |                  | 2x32 |                 |
|   |        |          |            | 32              | a        |               |                 | blank         |              |                  | 1x32 |                 |
|   |        |          |            | 32              | b        |               |                 |               |              |                  | 1x32 |                 |

G

**RoHS compliant**  
Unit:mm

| Scale     | Free  |
|-----------|-------|
| TOLERANCE |       |
| X         | ±X    |
| X.X       | ±0.40 |
| X.XX      | ±0.25 |
| X.XXX     | ±0.15 |
| DIM       | TOL   |
| Angle     | ±3°   |

| Id. | Modification        | Date       | Name   |
|-----|---------------------|------------|--------|
| ①   | Change to new plant | 17.08.2020 | Winnie |
| ②   | Drawn               | 24.05.2013 | Winnie |



|                 |            |        |   |
|-----------------|------------|--------|---|
| Drawn           | 24.05.2013 | Winnie | Description: DIN 41612<br>Type R / Female / R/A |
| Approved        | 17.08.2020 | Winnie |   |
| ASSMANN WSW-No. |            |        | A-RFxxxxx-x                                     |
| Drawing-No.     |            |        |   |
| ASS 5680 CO     |            |        | rev01   |
| Customer-No.    |            |        | SHEET 1 / 1                                     |

H