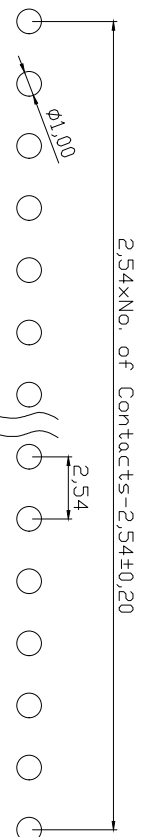


**Technical Data**  
**Material:**  
 Pin (outer sleeve): Brass, machined, CuZn38Pb2  
 Clip(contact 6 finger): Beryllium copper, heat treated  
 Plating Pin(outer sleeve): 2um/80µ" Nickel, 5um/200µ" Tin  
 Plating Clip(contact): 2um/80µ" Nickel, Gold Flash  
 Insulator body(housing): PPS UL94V-0 Black

**Electrical**  
 Current rating: 3 Amps/contact max.  
 Current resistance:  $\leq 4m\Omega$  /contact.  
 Insulation resistance:  $\geq 10000M\Omega$  at 500VAC  
 Voltage rating: 100 VRMS/150VDC

**Mechanical**  
 Average insertion force with steel pin of  $\varnothing 0.66mm/0.026"$ : <140g  
 Average withdrawal force with steel pin of  $\varnothing 0.66mm/0.026"$ : >25g min.  
 Mechanical life: min. 200  
 Operating temperature: -40°C to +105°C  
 Soldering temperature: +260°C, 10s max

Package: PE bag



P.C.B. LAYOUT

⑤③ Order Code:

AW 127-xx / X-HP

No. of contacts:  Contact Plating:  
 Z: Gold Flash selective Tin  
 C: Gold 15µ" selective Tin

**RoHS compliant**

Unit: mm

| Scale     | Free  |   |                               |            |            |
|-----------|-------|---|-------------------------------|------------|------------|
| TOLERANCE |       | ⑤ | Update                        | 27.05.2019 | S. Bölling |
| X.        | ±0.50 | ⑥ | Update to new drawing         | 10.08.2016 | Amy        |
| X.X       | ±0.30 | ⑦ | Add the plating specification | 24.04.2015 | Winnie     |
| X.XX      | ±0.20 | ⑧ | Update                        | 23.07.2009 | Dean       |
| DIM       | TOL   | ⑨ | Drawn                         | 25.05.2007 | Hellwig    |
| Angle     | ±5°   | ⑩ | Modification                  |            |            |



| Customer-No. | Date       | Name    | Customer-No.    | Drawing-No. | Sheet |
|--------------|------------|---------|-----------------|-------------|-------|
|              | 25.05.2007 | Hellwig | ASSMANN WSW-No. | ASS 2230 CO | rev05 |
|              | 10.08.2016 | Amy     | AW 127-xx/X-HP  |             |       |
|              |            |         |                 |             |       |

1 2 3 4 5 6 7

H G F E D C B A