



Specifications:  
 Current rating: 3A AC/DC (AWG #22)  
 Voltage rating: 250V AC/DC  
 Temperature range: -25° C to +85° C  
 (including temperature rise in applying electrical current)  
 Contact resistance: Initial value/ 10 mΩ max.  
 After environmental tests/ 20 mΩ max.  
 Insulation resistance: Initial/ 1,000 MΩ min.  
 Withstanding voltage: 800V AC/minute  
 Applicable wire: Conductor size/ AWG #28 to #22  
 Insulation O.D./ 0.76 to 1.5 mm  
 Applicable PC board thickness: 1.6 mm

Ordering Code:

AW2012R-S - xP - B - SN  
 ① ② ③ ④

- ① Series No.
- ② Pin No.  
See the table
- ③ Insulation material  
A:PBT, White      B:PA66, White
- ④ Contact Plating  
G0:Gold flash    S0:Gold flash/Tin  
G1:3u" Gold      S1:3u" Gold/Tin  
G2:5u" Gold      S2:5u" Gold/Tin  
G3:10" Gold      S3:10u" Gold/Tin  
G4:15u" Gold     S4:15u" Gold/Tin  
G5:30u" Gold     S5:30u" Gold/Tin  
Sn:Tin

Poles	Dimensions (mm)	
	A	B
2	2	8
3	4	10
4	6	12
5	8	14
6	10	16
7	12	18
8	14	20
9	16	22
10	18	24
11	20	26
12	22	28
13	24	30
15	28	34

Unless Otherwise specified tolerance  
 X.±0.35    X.XX:±0.20  
 X.X:±0.25    X.XXX:±0.15

SCALE: As Shown    UNIT: mm  
 DRAW ZLA    DATE 11/30/2023  
 CHECK BobYang    DATE 11/30/2023

VER./版本号  
 3rd ANGLE PROJECTION

**Antenk** ANTENK ELECTRONICS CO.,LTD  
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TITLE: 2.0mm Pitch 90° SMT Wafer Connector Without Post

DRAWING NO: AW2012R-S-xP-B-SN

PRODUCT NO: AW2012R-S-xP-B-SN

MK/标记      DESCRIPTION/修订内容      DATE/日期 (M/D/Y)