

HSF



RoHS

SPECIFICATIONS

- Voltage Rating: 250V AC/DC
- Current Rating: 2A AC/DC
- Contact Resistance: $3.0m\Omega$ Max
- Withstanding Voltage: 2200V AC/minute
- Insulation Resistance: $5000M\Omega$ min
- Temperature Range: $-40^{\circ}C$ ~ $+130^{\circ}C$

WAFER

- Part NO: AW2541S-XP
- Material: Pin: Brass/Tin over Nickel
0.64SQ L=14.5MM
Terminal Retention: 1.3KG(MIN)
Insulator: Nylon 66, UL94V-0 White
- Mates With: AH2541-XP Series Housing
- Solder: $245\pm 0.5^{\circ}C$ $4\pm 0.5S$

Ordering Information & Dimensions:

Poles	Part No.	Dimensions (mm)	
		A	B
02	AW2541S-02P	5.08	2.54
03	AW2541S-03P	7.62	5.08
04	AW2541S-04P	10.16	7.62
05	AW2541S-05P	12.70	10.16
06	AW2541S-06P	15.24	12.70
07	AW2541S-07P	17.78	15.24
08	AW2541S-08P	20.32	17.78
09	AW2541S-09P	22.86	20.32
10	AW2541S-10P	25.40	22.86
11	AW2541S-11P	27.94	25.40
12	AW2541S-12P	30.48	27.94
13	AW2541S-13P	33.02	30.48
14	AW2541S-14P	35.56	33.02
15	AW2541S-15P	38.10	35.56
16	AW2541S-16P	40.64	38.10

Unit:mm

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 Wu Feng Rong DATE 11/18/2020
CHECK Bob Yang DATE 11/18/2020



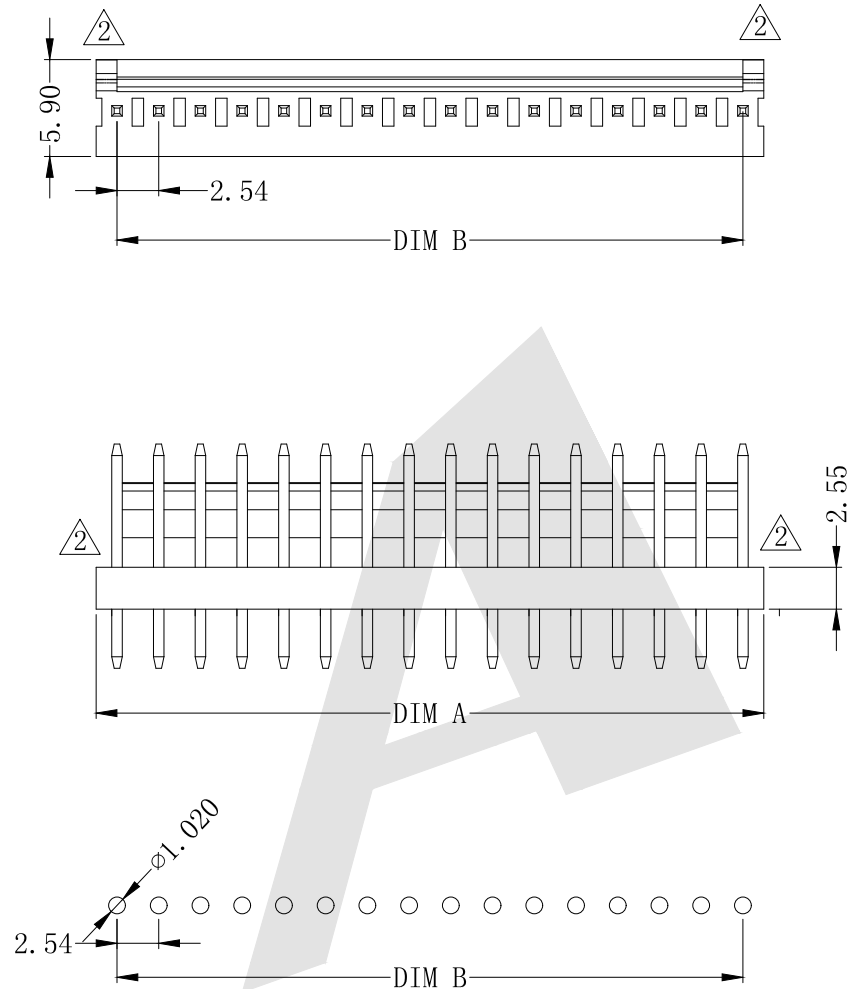
ANTENK ELECTRONICS CO.,LTD
Http://www.antenk.com
E-mail:sales@antenk.com

TITLE: 2.54mm Pitch 180° Single Row
Wafer Connector Series

DRAWING NO: AW2541S-XP

PRODUCT NO: AW2541S-XP

PCB LAYOUT



- 2 Add notch on 2 sides
- 1 Change 8.35 to 7.5, 14.5 to 13.65

DESCRIPTION

23/07/2022

13/05/2022

DATE

REV