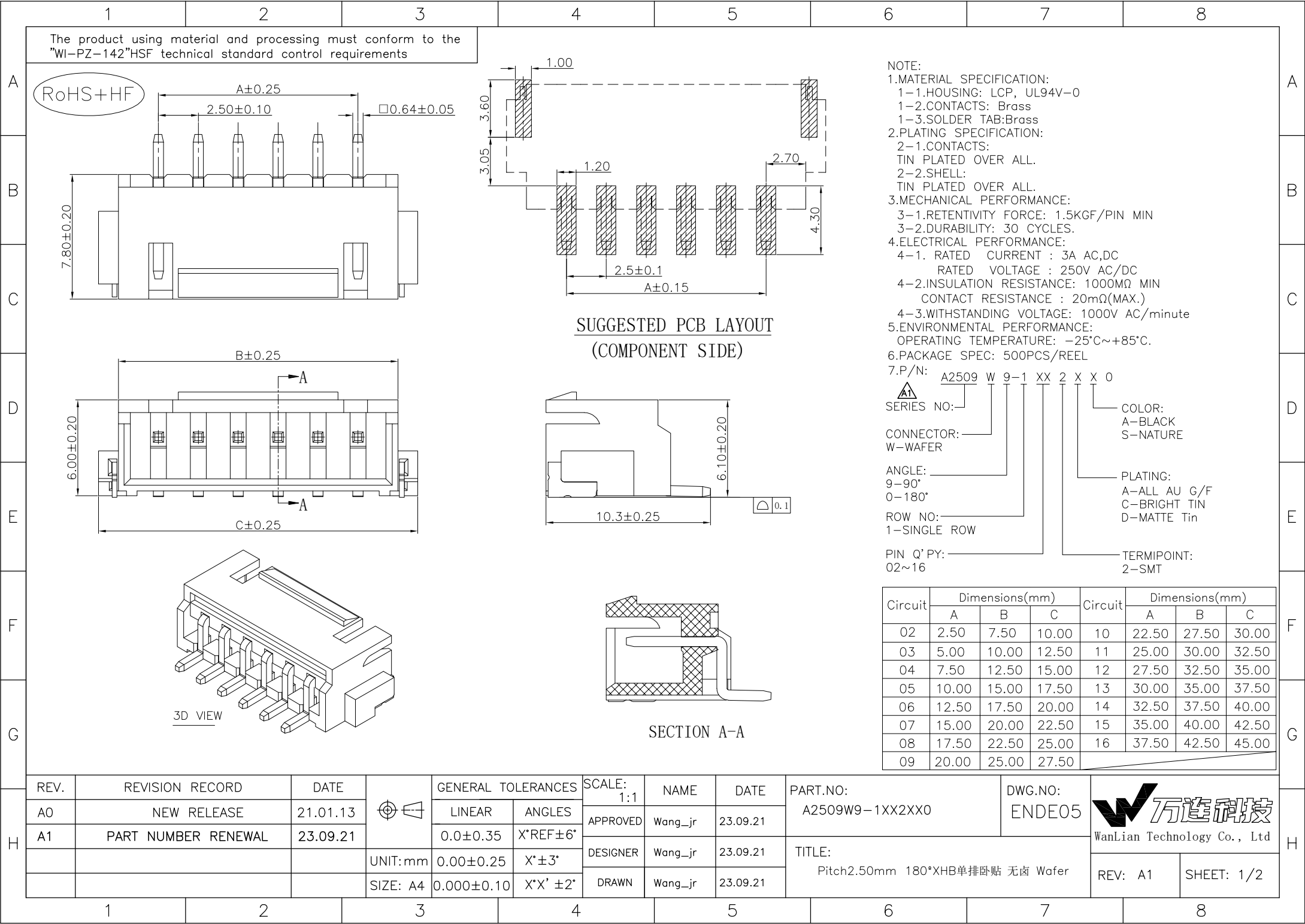




The product using material and processing must conform to the "WI-PZ-142"HSF technical standard control requirements

RoHS+HF

NOTE:
1.MATERIAL SPECIFICATION:
1-1.HOUSING: LCP, UL94V-0
1-2.CONTACTS: Brass
1-3.SOLDER TAB:Brass
2.PLATING SPECIFICATION:
2-1.CONTACTS:
TIN PLATED OVER ALL.
2-2.SHELL:
TIN PLATED OVER ALL.
3.MECHANICAL PERFORMANCE:
3-1.RETENTIVITY FORCE: 1.5KGF/PIN MIN
3-2.DURABILITY: 30 CYCLES.
4.ELECTRICAL PERFORMANCE:
4-1. RATED CURRENT : 3A AC,DC
RATED VOLTAGE : 250V AC/DC
4-2.INSULATION RESISTANCE: 1000MΩ MIN
CONTACT RESISTANCE : 20mΩ(MAX.)
4-3.WITHSTANDING VOLTAGE: 1000V AC/minute
5.ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
6.PACKAGE SPEC: 500PCS/REEL
7.P/N: A2509 W 9-1 XX 2 X X 0
A1
SERIES NO: W 9-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~16
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMIPOINT: 2-SMT

SUGGESTED PCB LAYOUT
(COMPONENT SIDE)

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	2.50	7.50	10.00	10	22.50	27.50	30.00
03	5.00	10.00	12.50	11	25.00	30.00	32.50
04	7.50	12.50	15.00	12	27.50	32.50	35.00
05	10.00	15.00	17.50	13	30.00	35.00	37.50
06	12.50	17.50	20.00	14	32.50	37.50	40.00
07	15.00	20.00	22.50	15	35.00	40.00	42.50
08	17.50	22.50	25.00	16	37.50	42.50	45.00
09	20.00	25.00	27.50				

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE: 1:1	NAME	DATE	PART.NO: A2509W9-1XX2XX0	DWG.NO: ENDE05	 WanLian Technology Co., Ltd
A0	NEW RELEASE	21.01.13		LINEAR	ANGLES	APPROVED	Wang_jr	23.09.21			
A1	PART NUMBER RENEWAL	23.09.21		0.0±0.35	X°REF±6°	DESIGNER	Wang_jr	23.09.21	TITLE: Pitch2.50mm 180°XHB单排卧贴 无卤 Wafer		
			UNIT:mm	0.00±0.25	X°±3°		DRAWN	Wang_jr		23.09.21	
			SIZE: A4	0.000±0.10	X°X' ±2°					REV: A1	



1	2	3	4	5	6	7	8
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A



C



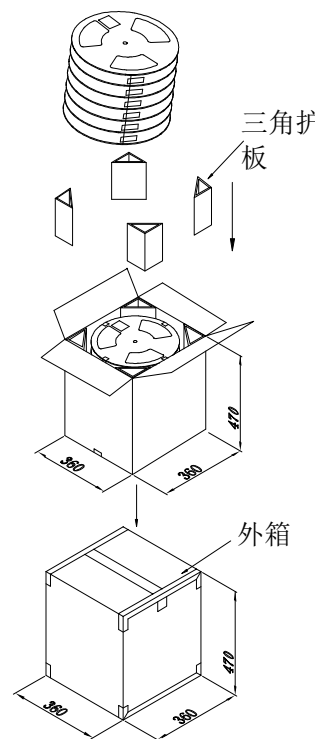
E

F



H

SECTION
B-B

AB

1	2	3	4	5	6	7	8
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