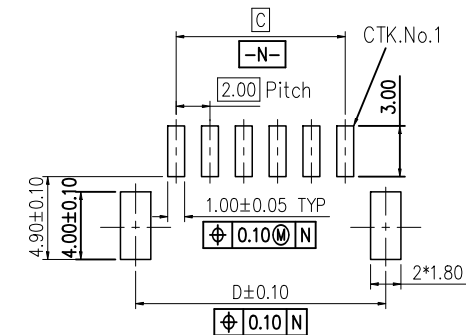
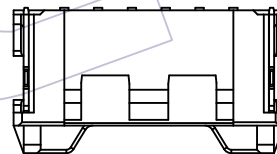
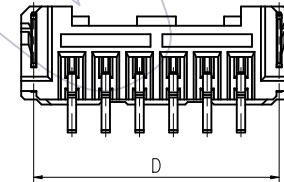
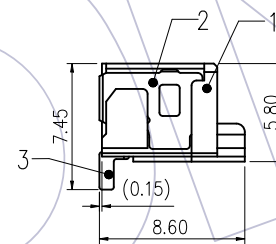
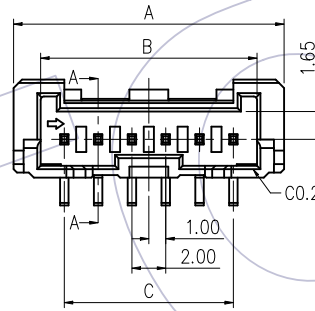
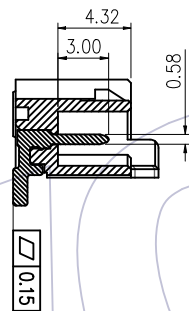
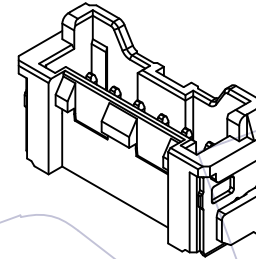
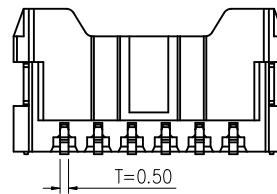
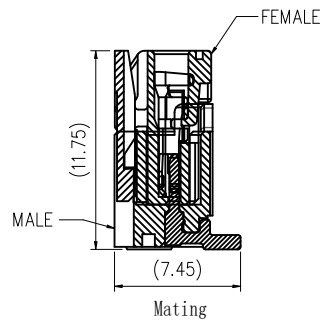


HSF

NOTES:

Rated Current: 2P 4.7A, 3~8P 3.5A,
9~16P 3.4A at 25±5°C;
Rated Voltage: 250V
Contact Resistance: Initial: 10mΩ Max.
Final: 20mΩ Max;
Withstand Voltage: 500V
Insulation Resistance: 1000MΩ Min.
Operation Temperature: -40°C to +125°C
Contact Material: Brass
Contact Plating: 80u" Bright Tin over 40u" nickel
Latch Material: Brass
Latch Plating: 80u" Bright Tin over 40u" nickel
Housing Material: PA9T, G.F, UL94V-0, Colour (See PN)



Ordering Information

WF2010 - 1 WM H XX X X 1 W

Row
1=Single

Type
WM=180° SMT

HSG material characteristics
H=High temperature resistance

NO. of PIN
02=2 Pin
.....
16=16 Pin

W=WCON logo,
Blank=No logo
wcon internal code
Packing
T=Tube (Without Cap)
R=Tape & Reel
(With Cap)

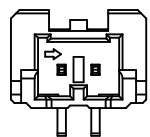
HSG Colour
R=Red
B=Black
T=Natural
U=Blue

3	Contact	Brass	Whole Pin
2	Latch	Brass	2
1	Body	PA9T	1
NO.	Part Name	Material	Q'TY

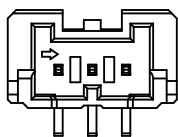
Recommended P.C.B Layout (Top Side)
(PCB BOARD TOLERANCE ±0.05)

				OPERATION	DRAW	DATE	SCALE	1:1	PART NO.	WCON Http: www.wcon.com WCON-Dongguan Tel: +86 769 85358920 Fax: +86 769 85358915 E-mail: sales@wcon.com WCON-Kunshan Tel: +86 512 57468408 Fax: +86 512 57468468 E-mail: salesks@wcon.com	
				X.X ±0.40	Milo	2022/08/16	UNIT	mm	WF2010-1WMHXXR01(W)		
				X.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:		
				X.XXX ±0.15			SHEET	1/2	2.0mm WAFER SINGLE SMT		
0	2022/08/16	NEW		Angle ± 3°	APPROVE	DATE	PROJ.	1/2	CONNECTOR	Customer NO.	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	DIM TOL							

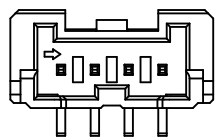
HSF



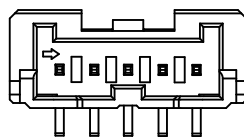
2P



3P



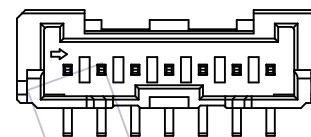
4P



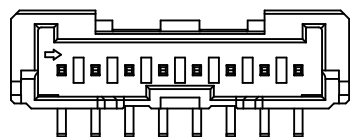
5P



6P



7P



8P



9P



10P



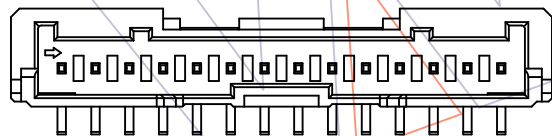
11P



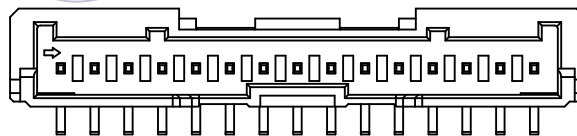
12P



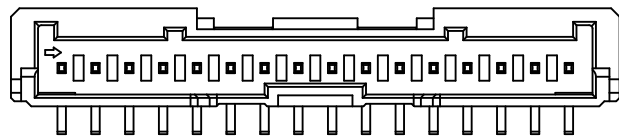
13P



14P



15P



16P

Pin	A	B	C	D
02	8.00±0.20	4.80±0.20	2.00±0.20	6.52±0.20
03	10.00±0.20	6.80±0.20	4.00±0.20	8.52±0.20
04	12.00±0.20	8.80±0.20	6.00±0.20	10.52±0.20
05	14.00±0.20	10.80±0.20	8.00±0.20	12.52±0.20
06	16.00±0.25	12.80±0.20	10.00±0.20	14.52±0.20
07	18.00±0.25	14.80±0.20	12.00±0.20	16.52±0.20
08	20.00±0.25	16.80±0.20	14.00±0.20	18.52±0.20
09	22.00±0.25	18.80±0.20	16.00±0.20	20.52±0.20
10	24.00±0.25	20.80±0.25	18.00±0.25	22.52±0.25
11	26.00±0.30	22.80±0.25	20.00±0.25	24.52±0.25
12	28.00±0.30	24.80±0.25	22.00±0.25	26.52±0.25
13	30.00±0.30	26.80±0.25	24.00±0.25	28.52±0.25
14	32.00±0.30	28.80±0.25	26.00±0.25	30.52±0.25
15	34.00±0.30	30.80±0.25	28.00±0.25	32.52±0.25
16	36.00±0.30	32.80±0.25	30.00±0.25	34.52±0.25

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				X.X ±0.40	Milo	2022/08/16	UNIT	mm	WF2010-1WMHXXR01(W)		
				X.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:		
				X.XXX ±0.15			SHEET	2/2	2.0mm WAFER SINGLE SMT CONNECTOR		
0	2022/08/16	NEW	Miol	Angle ± 3°	APPROVE	DATE	PROJ.	⌀	Customer NO.		
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	DIM TOL							