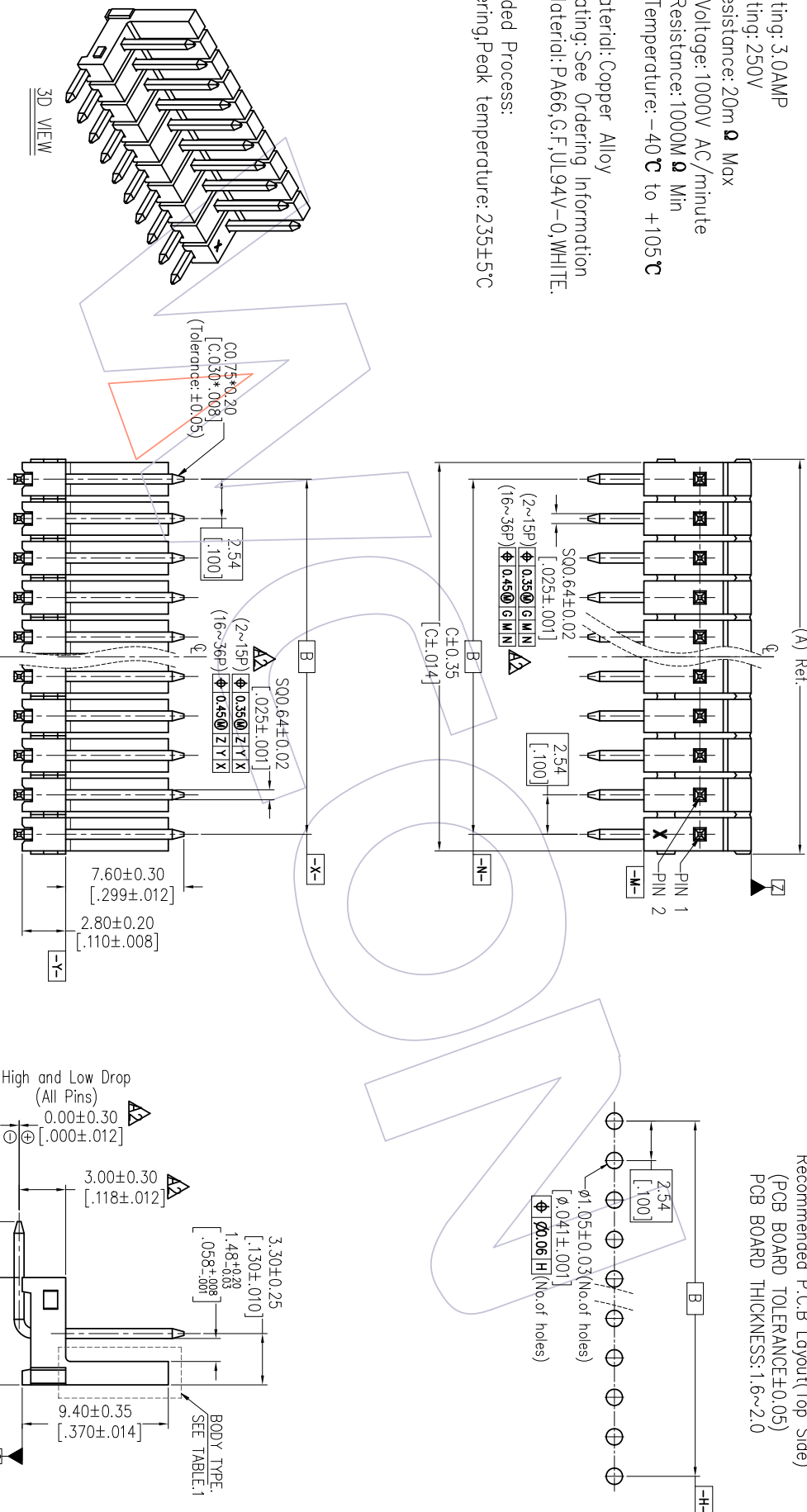


# HSF

**NOTES:**

- Current Rating: 3.0AMP
- Voltage Rating: 250V
- Contact Resistance: 20m Ω Max
- Withstand Voltage: 1000V AC/minute
- Insulation Resistance: 1000M Ω Min
- Operation Temperature: -40 ℃ to +105 ℃
- Contact Material: Copper Alloy
- Contact plating: See Ordering Information
- Insulator Material: PA66,G,F,UL94V-0,WHITE.
- Recommended Process: Wave Soldering, Peak temperature: 235±5℃

Recommended P.C.B Layout (Top Side)  
 (PCB BOARD TOLERANCE±0.05)  
 PCB BOARD THICKNESS: 1.6~2.0



REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	FIT	PART NO.	TITLE:	WCN-Dongguan	WCN-Kunshan
A2	2020/11/23	Change the size according to customer requirements and revised position tolerance	ZXC	X.X ±0.40	ZXC	2020/11/23	UNIT mm	A4	WF2545-EMRXXXXW01	2.54mm Wafer R/A Single Row, Breckable, Dip Height=3.60mm	Tel: +86 769 85358920 Fax: +86 769 85358915 E-mail: sales@wcon.com	Tel: +86 512 57468408 Fax: +86 512 57468468 E-mail: sales@wcon.com
A1	2020/04/16	Add Contact plating "S4" and "G4"	Andrey	X.XXX ±0.25	CHECK	DATE	SIZE	A4				
A0	2020/03/11	NEW	Andrey	X.XXX ±0.15		DATE	SHEET	1/3				
				Angle ± 3°	APPROVE	DATE	PROJ.		Customer NO.			



Http: www.wcon.com

## Ordering Information

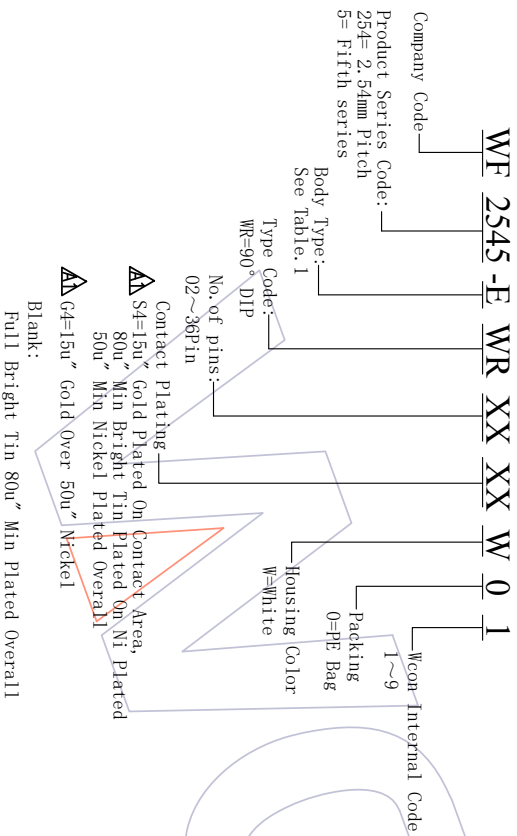


TABLE 1:(BODY TYPE):

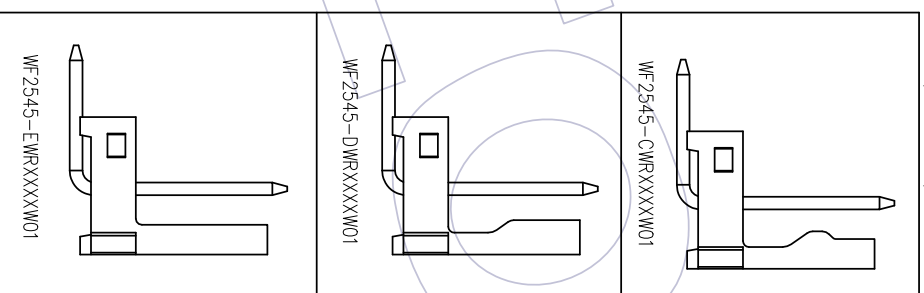


TABLE 2:

Pin No.	Part Number	Dim. A	Dim. B	Dim. C
2P	WF2545-EWR02XXXW01	5.08	2.54	4.68
3P	WF2545-EWR03XXXW01	7.62	5.08	7.22
4P	WF2545-EWR04XXXW01	10.16	7.62	9.76
5P	WF2545-EWR05XXXW01	12.70	10.16	12.30
6P	WF2545-EWR06XXXW01	15.24	12.70	14.84
7P	WF2545-EWR07XXXW01	17.78	15.24	17.38
8P	WF2545-EWR08XXXW01	20.32	17.78	19.92
9P	WF2545-EWR09XXXW01	22.86	20.32	22.46
10P	WF2545-EWR10XXXW01	25.40	22.86	25.00
11P	WF2545-EWR11XXXW01	27.94	25.40	27.54
12P	WF2545-EWR12XXXW01	30.48	27.94	30.08
13P	WF2545-EWR13XXXW01	33.02	30.48	32.62
14P	WF2545-EWR14XXXW01	35.56	33.02	35.16
15P	WF2545-EWR15XXXW01	38.10	35.56	37.70
16P	WF2545-EWR16XXXW01	40.64	38.10	40.24
17P	WF2545-EWR17XXXW01	43.18	40.64	42.78
18P	WF2545-EWR18XXXW01	45.72	43.18	45.32
19P	WF2545-EWR19XXXW01	48.26	45.72	47.86
20P	WF2545-EWR20XXXW01	50.80	48.26	50.40
21P	WF2545-EWR21XXXW01	53.34	50.80	52.94
22P	WF2545-EWR22XXXW01	55.88	53.34	55.48
23P	WF2545-EWR23XXXW01	58.42	55.88	58.02
24P	WF2545-EWR24XXXW01	60.96	58.42	60.56
25P	WF2545-EWR25XXXW01	63.50	60.96	63.10
26P	WF2545-EWR26XXXW01	66.04	63.50	65.64
27P	WF2545-EWR27XXXW01	68.58	66.04	68.18
28P	WF2545-EWR28XXXW01	71.12	68.58	70.72
29P	WF2545-EWR29XXXW01	73.66	71.12	73.26
30P	WF2545-EWR30XXXW01	76.20	73.66	75.80
31P	WF2545-EWR31XXXW01	78.74	76.20	78.34
32P	WF2545-EWR32XXXW01	81.28	78.74	80.88
33P	WF2545-EWR33XXXW01	83.82	81.28	83.42
34P	WF2545-EWR34XXXW01	86.36	83.82	85.96
35P	WF2545-EWR35XXXW01	88.90	86.36	88.50
36P	WF2545-EWR36XXXW01	/	/	91.04

REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	FIT	PART NO.	TITLE:	WCON-Dongguan	WCON-Kunshan
A2	2020/11/23	Change the size according to customer requirements and revised position tolerance	ZXC	X.X ±0.40	ZXC	2020/11/23	UNIT [mm]	A4	WF2545-EWRXXXXW01	2.54mm Wafer R/A Single Row, Breakable, Dip Height=3.60mm	Tel: +86 769 85358920 Fax: +86 769 85358915 E-mail: sales@wcon.com	Tel: +86 512 57468408 Fax: +86 512 57468468 E-mail: sales@wcon.com
A1	2020/04/16	Add Contact plating "S4" and "G4"	Andy	X.XXX ±0.15	CHECK	DATE	SIZE	A4				
A0	2020/03/11	NEW	Andy	Angle ± 3°	APPROVE	DATE	SHEET	2/3	Customer NO.			
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	DIM	TOL	PROJ.						



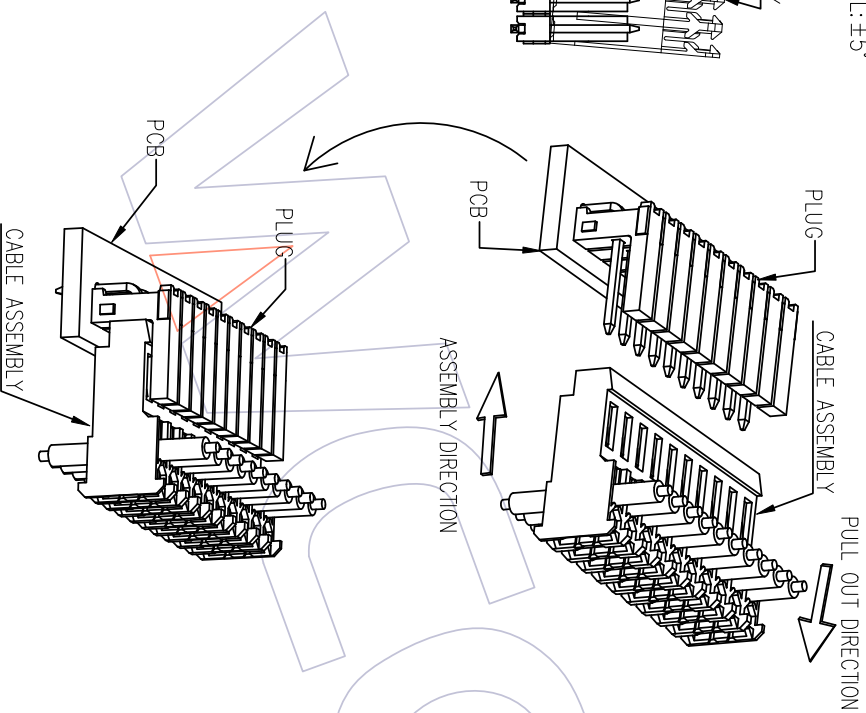
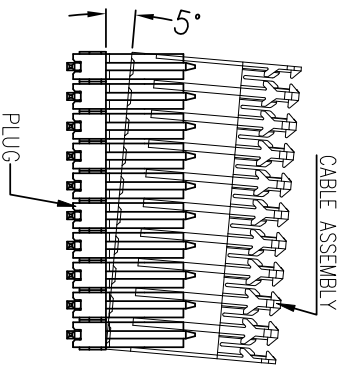
Http: www.wcon.com

WCON-Dongguan  
Tel: +86 769 85358920  
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E-mail: sales@wcon.com

WCON-Kunshan  
Tel: +86 512 57468408  
Fax: +86 512 57468468  
E-mail: sales@wcon.com

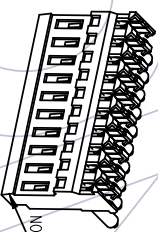
ALLOWED ANGULAR INCLINATION  
TOLERANCES LONGITUDINAL:  $\pm 5^\circ$

DYNAMIC USE HINT:

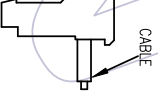


ASSEMBLY COMPLETION STATUS

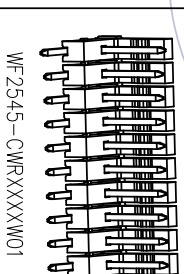
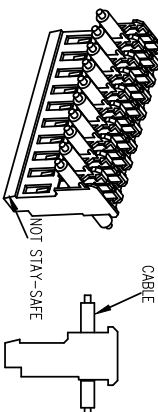
### ADAPTATION CABLE ASSEMBLY



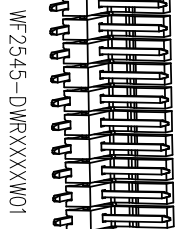
PART NO.: WF2545-XXHIEXXBT02



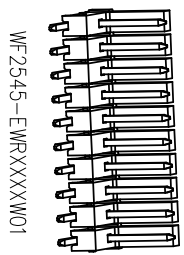
PART NO.: WF2545-XXHITXXBT02



PLUG-1



PLUG-2



PLUG-3

WF2545-CWRXXXXW01

WF2545-DWRXXXXW01

WF2545-EWRXXXXW01

REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	FIT	PART NO.	<p><b>WCON</b> Http: <a href="http://www.wcon.com">www.wcon.com</a></p> <p>WCON-Dongguan Tel: +86 769 85358920 Fax: +86 769 85358915 E-mail: <a href="mailto:sales@wcon.com">sales@wcon.com</a></p> <p>WCON-Kunshan Tel: +86 512 57468408 Fax: +86 512 57468468 E-mail: <a href="mailto:sales@wcon.com">sales@wcon.com</a></p>
A2	2020/11/23	Change the size according to customer requirements and revised position tolerance	ZXC	X.X $\pm 0.40$	ZXC	2020/11/23	UNIT [mm]	A4	WF2545-EWRXXXXW01	
A1	2020/04/16	Add Contact plating "S4" and "G4"	Andy	X.XXX $\pm 0.25$	CHECK	DATE	SIZE A4	3/3	2.54mm Water R/A Single Row, Breakable, Dip Height=3.60mm	
A0	2020/03/11	NEW	Andy	X.XXX $\pm 0.15$			SHEET		Customer NO.	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	ANGLE DIM	APPROVE	DATE	PROJ.			
1				$\pm 3^\circ$						