

Code	Definition	Layouts
W1	5W1	
W2	11W1	
W3	7W2	
W4	3W3	
W5	3V3	
W6	25W3	
W7	21WA4	
W8	27W2	
W9	8W8	

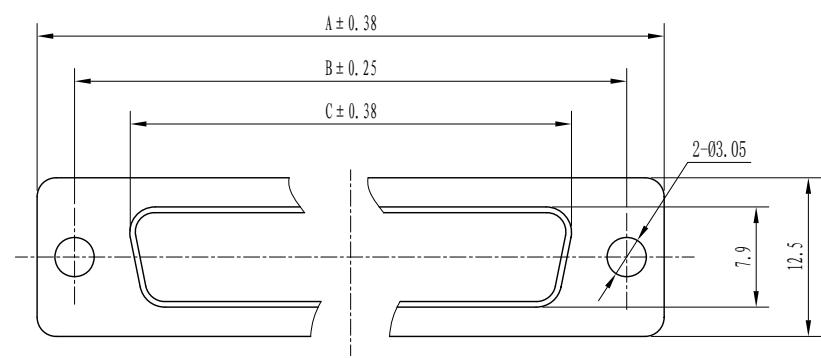
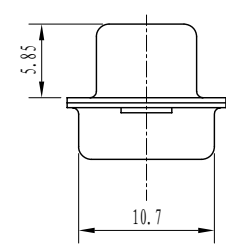
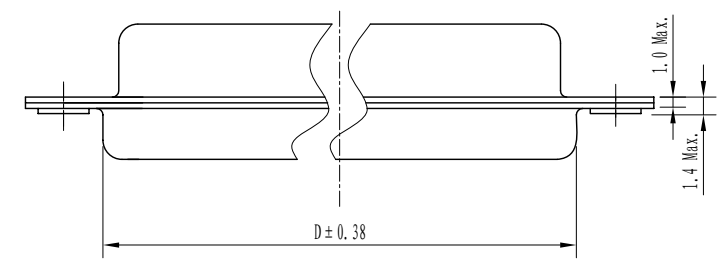
CODE	Definition	Layouts
WA	21W1	
WB	17W2	
WC	13W3	
WD	9W4	
WE	5W5	
WF	47W1	
WG	24W7	
WH	36W4	
WI	13W6	

Performance characteristics:

- 1.Main body part material
Insulator: See part number rule
Contact terminal: Bronze copper,1.27μm Ni under plated,
outer plating see part number rule
Crust: SPCC; front shell plating Ni,back shell plating Sn
- 2.Electrical requirements:
Current rating: Power pin :20A、30A、40A
Voltage rating: 300 V
Contact resistance: ≤7.3 mΩ
Insulation resistance: ≥5000 MΩ
Withstanding voltage: 1000 Vr.m.s, 1mA, 60s
- 3.Mechanical requirements
Insertion force: Signal pin≤2.0 N/pin,Power pin≤5.0 N/pin
Extraction force: Signal pin≥0.3 N/pin,Power pin≥1.0 N/pin
Signal pin wire gauge: AWG24~30
- 4.Environment specification
Working temperature: -55℃~+125℃
- 5.Applicable standard: IEC60807-2
- 6.Packing & storing
Method of packing: Tray , inner box, outer box
Storing condition: temperature of -10℃~+40℃
below 80% relative humidity
- 7.Style of installation: Cable soldering installation
- 8.To prevent the pollution of the environment product
info: In line with the european union RoHS

f415 XX X - X X - X

Series code	Terminal number				Spec code			Type code	Plating code			Insulator material & color		
	Code	Definition	Code	Definition	Code	Definition	Terminal type	Code	Definition	Code	Definition	Terminal type	Code	Definition
	W1	5W1	WA	21W1	B	Female terminal 20A	Separated	X	Customized	1	Contact plating Tail plating	Integrated	I	PBT black UL94V-0
	W2	11W1	WB	17W2	D	Female terminal 30A				2	Au Gold flash		B	PBT green UL94V-0
	W3	7W2	WC	13W3	F	Female terminal 40A	Integrated			3	Au0.25μm		E	PBT white UL94V-0
	W4	3W3	WD	9W4	H	Female terminal 20A				4	Au0.38μm		X	Customized
	W5	3V3	WE	5W5	K	Female terminal 30A				5	Au0.76μm			
	W6	25W3	WF	47W1	M	Female terminal 40A				6	Au Gold flash Sn3~5μm			
	W7	21WA4	WG	24W7	X	Customized			7	Au0.25μm Sn3~5μm	Separated			
	W8	27W2	WH	36W4					8	Au0.38μm Sn3~5μm				
	W9	8W8	WI	13W6					9	Au0.76μm Sn3~5μm				
									X	Customized				



Definition	A	B	C	D
3V3/3W3	39.20	33.30	24.66	27.70
5W5/13W3	53.04	47.04	38.40	41.10
8W8	69.40	63.50	54.80	57.30

Unless otherwise specified tolerance:

X.	± 0.50	X. °	± 3°
.X	± 0.38	.X°	± 2°
.XX	± 0.25		

					D-SUB Combo, solder cup female	wrj-f415			
						Projection	Rev.	Weight	Scale
Mark	NO.	File NO.	Signature	Date			A0		
DRAW	J. A 2009.03.16								
CHK									
MAN									
STD					f415-xx2-x-x	Sheet 4		2 of 4	
APP						深圳市威尔杰电子有限公司			

A

B

C

D

E

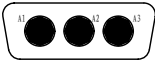
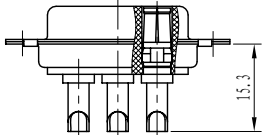
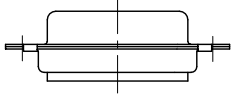
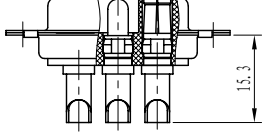
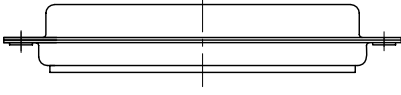
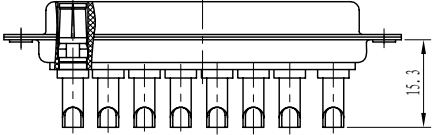
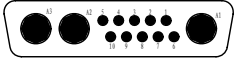
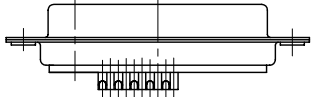
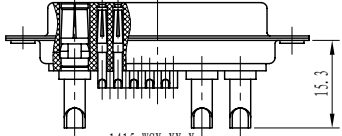
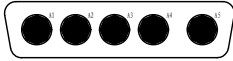
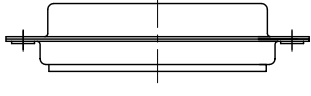
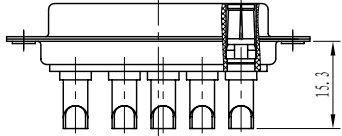
A

B

C

D

E

Code	Definition	Layout	Subassembly	Finished product
W4	3W3		 14156054	 1415-W4X-XX-X
W5	3V3		 14156014	 1415-W5X-XX-X
W9	8W8		 14156044	 1415-W9X-XX-X
WC	13W3		 14156024	 1415-WCX-XX-X
WE	5W5		 14156064	 1415-WEX-XX-X

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X.	± 0.50	X. °	± 3°
.X	± 0.38	.X°	± 2°
.XX	± 0.25		

					D-SUB Combo, solder cup female	wrj-f415			
						Projection	Rev.	Weight	Scale
Mark	NO.	File NO.	Signature	Date			A0		
DRAW	J.A 2009.03.16								
CHK					f415-xx2-x-x	Sheet 4		3 of 4	
MAN						深圳市威尔杰电子有限公司			
STD									
APP									

A

B1

D

E

1

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