

Performance characteristics:

1.Main body part material

Insulator: PBT,Black,UL94V-0

Separate plane: PBT,Black,UL94V-0

Safeguard crust: PBT,Black,UL94V-0

Contact terminal: copper alloy, Ni 1.27μm Min. under plated,
outer plating see part number rule

Shell: SPCC,plating Ni

Screw assemblies: SPCC,plating Ni

Nuts and screws:SUS304.

2.Electrical requirements:

Current rating: 1 A

Contact resistance: $\leq 35 \text{ m}\Omega$

Insulation resistance: $> 500 \text{ M}\Omega$

Withstanding voltage: 500 Vr.m.s, 1mA, 60s

3.Mechanical requirements

Wire gauge: 28 AWG Standard,30 AWG Solid

4.Environment specification

Working temperature: $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$

5.Packing & storing

Method of packing: plastic bag,clapboard,outer box

Storing condition: temperature of $-10^{\circ}\text{C} \sim +40^{\circ}\text{C}$

below 80% relative humidity

6.Style of installation: solder cable installation

7.To prevent the pollution of the environment product info

RoHS agreement: In line with the european union RoHS

Contact Quantity	Dimensions							
	A	B	C	D	E	F	G	H
20	11.43	14.40	12.90	39.00	21.90	17.65	27.00	33.30
26	15.24	14.04	12.90	39.00	25.65	21.46	30.80	37.20
36	21.59	18.00	12.90	39.00	31.70	27.81	36.50	43.57
50	30.48	18.70	12.90	39.30	40.62	36.90	44.00	52.44

m865- XX 1 - X X - X

Series code		Terminal number		Spec code		Type code		Plating code			Insulator material & color	
Code	Definition	Code	Definition	Code	Definition	Code	Definition	Code	Definition	Tail plating	Code	Definition
1	Male Straight Angle	Y	Standard structure, Safeguard crust with screws					6	Au 0.25μm	Sn	1	PBT Black UL94V-0
								7	Au 0.38μm			
								8	Au 0.76μm			

Unless otherwise specified tolerance:

X.	± 0.50	X.°	$\pm 3^{\circ}$
.X	± 0.38	.X°	$\pm 2^{\circ}$
.XX	± 0.25		

					m865 MDR Male with Safeguard Crust	wrj-m865			
						Projection	Rev.	Weight	Scale
Mark	NO.	File NO.	Signature	Date			A0		
DRAW	Felix Liu 2011.10.13								
CHK					m865-xx1-xx-x				
MAN									
STD									
APP									
						All Dimensions in mm			
						Sheet 1 of 1			
						深圳市威尔杰电子有限公司			