





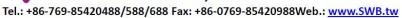
Product Specification:		Document No	PS-9502-01
		Date Issued	2016/07/20
Subject:	9.50mm Pitch 9502Series Connector Specification	Date Revised	2020/05/19
	3.30mm Filen 93023enes Connector Opecinication	Version	В

This specification is referred to the 9.50mm series wire to board connector

INDEX

- 1. Scope
- 2. Spec and Part number
- 3. Disposal of Material and surface
- 4. Ratings and applicable wires
- 5. Performance
 - 5-1. Electrical Performance.
 - 5-2. Mechanical Performance
 - 5-3. Environmental Performance and Others





Add.:广东省东莞市长安镇上角社区上南路 1 号





Product Specification:		Document No	PS-9502-01
		Date Issued	2016/07/20
Subject:	9.50mm Pitch 9502Series Connector Specification	Date Revised	2020/05/19
	o.oommir non ooozooneo oonnooloi opeomeation	Version	В

1. Scope

This Specification Covers the 9.50mm Pitch 9502 Series Connector Specification.

2. Spec and Part number

Specification	Production No.	Picture of Product
Terminal Blocks	9502WV-XX-NOSWBK	

3. Disposal of Material and surface

Specification		Materials	Disposal of Surface
Terminal Blocks	Housing	PA66	UL94V-0
	Terminal	Brass	3-5μm Sn Over 1-2μm Cu
	Screw	Steel	2-5µm Zn

(Please Refer to the Project drawing for the above Specification)

4. Ratings and applicable wires

Item	Standard		
Rated Voltage (Max.)	300V	[AC/DC]	
Rated Current (Max.)	30A		
Ambient temperature Range	-40℃~105℃		
Applicable wire insulation O.D	e wire insulation O.D AWG #12~22		

^{*}Including terminal temperature rise.





Tel.: +86-769-85420488/588/688 Fax: +86-0769-85420988Web.: www.SWB.tw

Add.:广东省东莞市长安镇上角社区上南路 1 号

#1Shangnan Road, Shangjiao Precinct, Changan Town, Dongguan, Guangdong, 523878 CN

Product Specification:		Document No	PS-9502-01
		Date Issued	2016/07/20
Subject:	9.50mm Pitch 9502Series Connector Specification	Date Revised 2020/0	2020/05/19
	3.30mm rich 33020enes Connector Opecinication	Version	В

5. PERFORMANCE

5-1. Electrical Performance.

Item		Test Condition	Requirement	
5-1-1	Contact Resistance	Mate connectors, measure by dry circuit, 20mV MAX,10mA. (Based upon EIA-364-06A).	Initial: 30 milliohms Max.	
5-1-2	Insulation Resistance	Mate connectors, apply 1000V DC between adjacent terminal or ground. (Based upon EIA-364-21B / MIL-STD-202 Method 302 Cond.B)	1000 Megohms Min.	
5-1-3	Dielectric Strength	Mate connectors, apply 3400V AC for 1 minute between adjacent terminal or ground. (Based upon EIA-364-20A / MIL-STD-202 Method 301)	No Breakdown and Flashover	

5-2. Mechanical Performance.

Item		Test Condition	Requirement	
5-2-1	Terminal Retention	Force required to dislodge terminals from thehousing, applied at a rate of 25 ± 6 mm $(1 \pm \frac{1}{4}$ inch) per minute, in the irection opposite terminal insertion.	150N {15.3kgf} min.	
5-2-2	Screw Torque	Tighten screw to 110% rated torque [1.01 Nm(9.0 in-lb)] with max. and min. wire sizes and loosen 5 timesper	No damage to housing, terminal, or screw	

5-3. Environmental Performance and Others.

Item		Test Condition	Requirement	
5-3-1	Temperature Rise	Carrying rated current load.	Temperature rise	30°C Max.
5-3-2	Salt Spray	24±1 hours exposure to a salt spray from the 5±1% solution at 35±2 $^{\circ}$ C. (Based upon EIA-364-26A/MIL-STD-202 Method 101D Cond.B).	Annearance	No Damage