



PRODUCT SPECIFICATION		Issue No. T-2-63775	Rev. 0
Customer:	PIM TECHNOLOGY(H.K.) LIMITED	Issue date: July 8, 2019	
Product Name:	SRB-2.5T-M5	Revision date:	

This product specification contains the results of general performance tests for the SRB-2.5-M5.

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JST	Product Name: SRB-2.5T-M5	No. T-2-63775
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1. PART NAME, PART NUMBER & DRAWING NUMBER

Part Name	Part Number	Drawing Number
Ring tongue terminal with insulation grip	SRB-2.5T-M5	KRD-4166-1

2. CONSTRUCTION, DIMENSIONS, MATERIAL & SURFACE FINISH

Construction and dimensions shall be in accordance with the referenced drawing. Material and surface finish shall be as specified below.

Part Number	Material	Surface Finish
SRB-2.5T-M6	Brass	Tin plated

3. APPLICABLE WIRE

Part Number	Applicable Wire	
	Cross-sectional area	Insulation O.D.
SRB-2.5T-M6	1.0 to 2.5 mm ²	2.7 to 4.3mm

4. SPECIMEN

Part Number	Wire to be used
	Cross-sectional area
SRB-2.5T-M6	1.0 mm ² , 2.5 mm ²

5. TEST CONDITIONS

When tested in accordance with the test condition and method in each item, each requirement shall be met. Unless otherwise specified, tests and measurements shall be conducted under the following ambient conditions.

Temperature: 5 to 35 °C
 Relative humidity: 45 to 85 %

JST	Product Name: SRB-2.5T-M5	No. T-2-63775
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6. REQUIREMENTS, TEST METHODS & TEST RESULTS

6.1. Appearance

Requirement: There shall be no crack, deformation or discoloration which may affect the performance specified in this specification.

Test method: Visual inspection.

Test result: Good.

6.2. Mechanical Performance Test

6.2.1. Crimp Tensile Strength

Requirements:

Wire size	Requirements
1.0 mm ²	110 N min.
2.5 mm ²	230 N min.

Test method: The terminal shall be crimped with the wire properly and then pulled at a constant speed of 25mm/min. The load required to pull the wire out of the terminal or break the wire shall be measured. The wire insulation shall be removed so that only the conductors shall be pulled. See Figure 1.

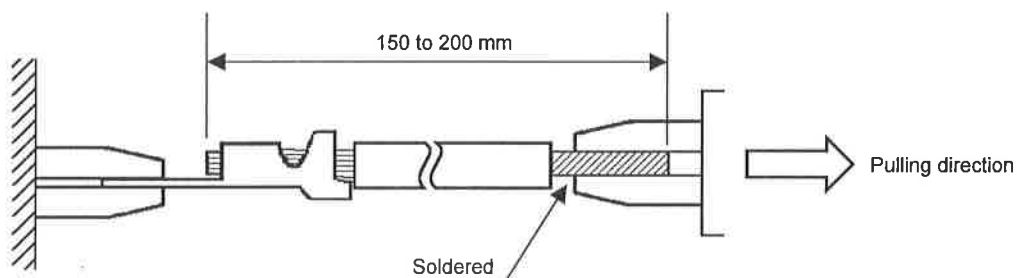


Figure-1

Test results:

Part Number	Wire size (mm ²)	Unit: N		
		Ave.	Max.	Min.
SRB-2.5-M6	1.0 mm ²	237	243	229
	2.5 mm ²	492	524	475

N=10

7. PACKAGING & MARKING

- (1) The products shall be wound on a reel and then packed in a corrugated cardboard box for shipment.
- (2) A label indicating the part number, lot number and other necessary information shall be attached to each product box.

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