

1. Part No. Expression:

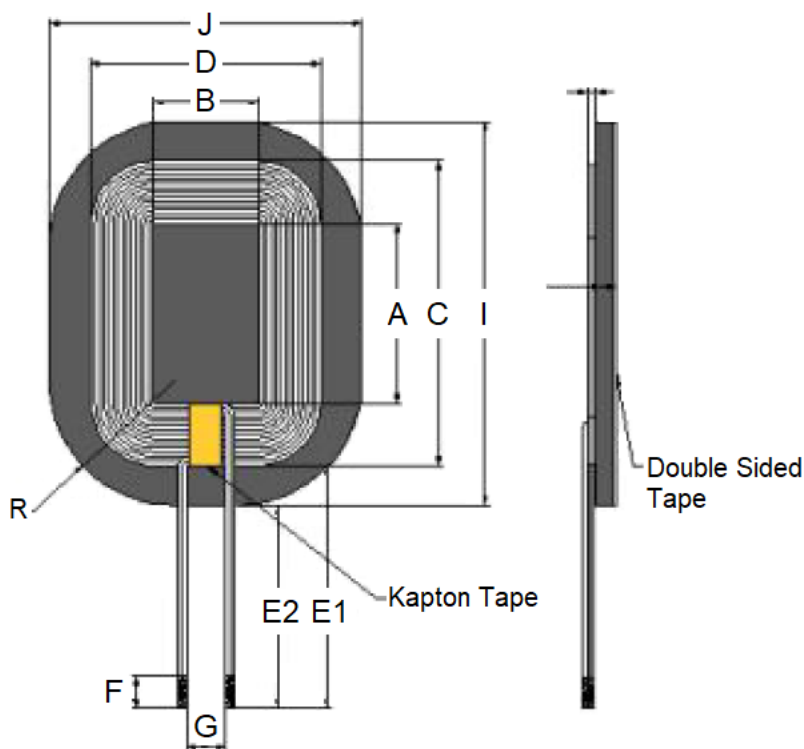
W M R S 2 4 0 4 0 1 0 3 A

(a) (b) (c) (d) (e)

- (a) Series Code (d) Electrical Code
 (b) Category Code (e) Internal Code
 (c) Dimension Code

2. Configuration & Dimensions: (Unit: mm)

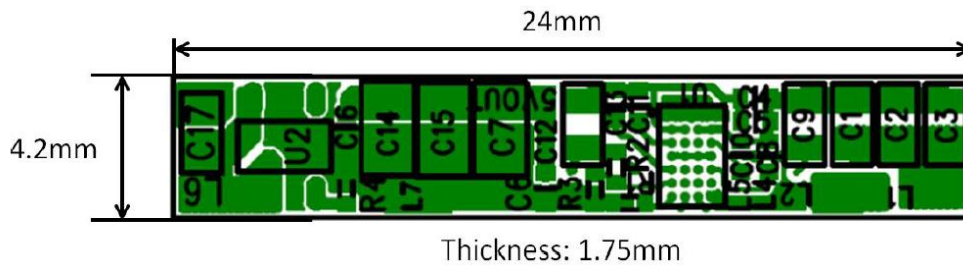
2.1 Coil 48 mm x 32 mm x 1 mm



A	B	C	D	E1	E2	F
22.00±0.50	10.0±0.50	39.30±1.00	26.60±1.00	33.50±2.00	30.00±2.00	2.00±1.00
G	H	I	J	K	R	-
5.00 Ref	0.38 Max	46.00±1.00	32.00±1.00	1.00 Max	13.00±0.20	-

NOTE: Specifications subject to change without notice. Please check our website for latest information.

2.2 PCB 24 mm x 4.2 mm x 1.75 mm



3. General Specifications:

- (a) Operating Temp.: -10°C to +85°C
- (b) Storage Temp.: -20°C to +70°C
- (c) Output port has short circuit and reverse polarity protection.
- (d) The surface distance between Tx Coil & Rx Coil is 2-5mm.

4. Electrical Specifications:

4.1 Module Specification

- Receiver unit

Description	Remarks	Min	Typ	Max	Unit
Output Voltage	Load current at 0A	4.99	5.0	5.0	V
	Load current at 0.5A (CC Mode)	4.92	4.93	4.95	
Output Current	Constant Voltage = 4.75V R1 = 580Ω	0.50	0.525	0.542	A
Output power	Rxout Min to Max			2.5	W
Operating Frequency	110kHz – 210kHz	110	158	205	kHz
System Efficiency	Vin=19V Rxout Min to Max	65	73	75	%

*SWS – Superworld Electronics (S) Pte Ltd

4.2 Coil Specification

	Inductance	DCR
Test Frequency	100KHz/ 1.0V	100KHz/ 1.0V
Specifications	11.0±10.0%	260.0 mΩ Max

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