



PCB LAYOUT

P=5.00mm, (N for hole digits), (Significant Digits): 02P, 03P~XXP

N	02P	03P	04P	05P	06P	07P	08P	09P	10P	11P	12P	13P
L	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00	55.00	60.00	65.00
B	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00	55.00	60.00
N	14P	15P	16P	17P	18P	19P	20P	21P	22P	23P	24P	...
L	70.00	75.00	80.00	85.00	90.00	95.00	100.00	105.00	110.00	115.00	120.00	
B	65.00	70.00	75.00	80.00	85.00	90.00	95.00	100.00	105.00	110.00	115.00	

Technical Data		
Item	UL	IEC
Rated Electrical Parameters	300V/15A	250V/20A
Wire Range	22~14AWG	2.5mm ²
Frequency Voltage	AC 2500V	
(Rated Surge Voltage)	4000V	
Insulation Resistance	DC500V 500MΩ above	
Contact Resistance	≤20mΩ	
Stripping Length	5~6mm	
Temperature	-40°C~+105°C	
Material and plating		
Housing	PBT (UL94 V-0)	
Contact	Copper alloy, Sn plated	
Screws	Steel, Zn plated	
Spring	Stainless	

SM C09 2503 XX SWY

XX - No. of Poles
 Y - Housing Color 1-Green, 2-Blue, 3-Black, 4-Grey, 5-Orange, 6-Red, 7-Transparent
 8-White, 9-Yellow, M-Mix Color

TOLERANCE		
SCALE	UNIT mm	
DRAW Walter	DATE 6.6.2021	TITLE
CHECK	REV	SM C09 2503 XX SWY
		DESCRIPTION
		Wire terminal Block RM5,00