



PCB Layout

### SPECIFICATIONS

Voltage Rating: 300VAC  
 Current Rating: 30 Amps  
 Insulator Resistance: 1000ohms or More at DC 500V  
 Operating Temperature: -40°C to +115°C  
 Torque: 8.8 Lb-In  
 Wire Range: 10-22 AWG  
 Insulator Material: Thermoplastic, UL 94V-0, Black  
 Terminal: Brass, 0.8t, Tin Plated  
 Terminal Screw: Steel, M3.5  
 Approval: us

### BTS-511-xx x-FG

NO. OF POLES ———— FG: RoHS Compliant (Lead <4% in Copper Alloy)

2 POLES  
 3 POLES  
 :  
 :  
 30 POLES

Terminal & Screw Plating  
 0: Terminal & Screw: Gold Flash  
 1: Terminal: Gold Flash, Screw: Zinc  
 2: Terminal: Tin, Screw: Gold Flash  
 3: Terminal: Tin, Screw: Zinc

N=Number of contacts

Dimension A&B

DIM A	N×9.5+2.0
DIM B	(N-1)×9.5

Dimension A&B	Tolerance
>6~30	±0.30
>30~120	±0.40
>120~400	±0.60

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GENERAL TOLERANCE UNLESS OTHERWISE SPECIFIED

XXX. ± X	.XX ± 0.10
XX. ± X	.XXX ± X
X. ± 0.50	X.' ± 1"
.X ± 0.30	.X" ± X"



REV. A	DRAWN JG	01/11/18	BTS Series Barrier Terminal Strip - 9.5mm
DATE 01/11/18	CHECKED		
SCALE As shown	APPROVED		PRODUCT NO. BTS-511-XXX-FG
UNIT mm		SIZE A4	FILE NAME: BTS-511-XXX-FG.dwg