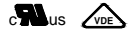
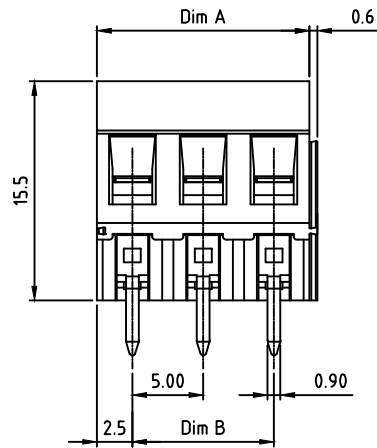
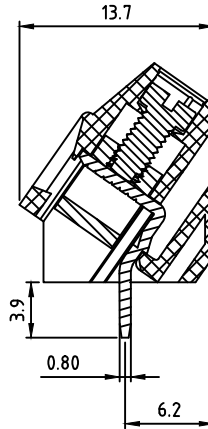
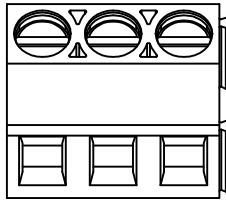
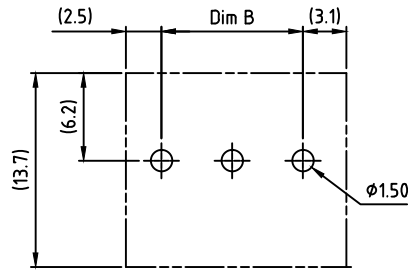


## SPECIFICATIONS

Voltage Rating: 300VAC  
 Current Rating: 10 Amps/10 Amps  
 Dielectric withstanding: 1.6KV/2.5KV  
 Operating Temperature: -40°C to +115°C  
 Wire Guard: PhBz, Tin Plated  
 Terminal Screw: Steel Zinc plating "-" slot type  
 Insulator Material: Thermoplastic, UL 94V-0  
 Wire Range: 0.2-2.5mm  
 Wire Strip Length: 6-7mm  
 Solid/Stranded Wire: 14-26 AWG  
 Torque: 3.5Lb-In/0.4Nm  
 Screw: M2.6  
 Terminal Body: Brass(CuZn)  
 Safety Approval: 



N=Number of contacts



RECOMMENDED PCB LAYOUT

Dimensions	
A	N×5.0
B	(N-1)×5.0
Poles	Tolerance
2P-6P	±0.15
7P-12P	±0.20
13P-18P	±0.25
19P-24P	±0.30

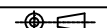
TBGB-xx BA x A -FG

02 2 CONTACTS  
 03 3 CONTACTS  
 ... ..  
 24 24 CONTACTS

J: Black(RAL9005)  
 B: Red(RAL3001/D)  
 C: Orange(RAL2011/P)  
 D: Yellow(RAL1018/A)  
 E: Green(RAL6018/T)  
 F: Blue(RAL5015/A)  
 H: Grey(RAL7035/D)  
 I: White(RAL1102)  
 3: Green(RAL6018/U)

FG: RoHS Compliant  
(Lead <4% in Copper Alloy)

APTOS Technology CONFIDENTIAL  
 This document, and all information it contains, are the confidential, proprietary property of APTOS Technology. Disclosure, duplication or distribution of this document, or any information it contains, in whole or part, without prior written permission from APTOS Technology is strictly prohibited

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. C	DRAWN
DATE 06/29/2017	CHECKED
SCALE None	APPROVED
UNIT mm	

AP

APTOS  
TECHNOLOGY

**TBGB Series**  
 5.00 mm 45° Terminal Block  
 PRODUCT NO. TBGB-XXJAXA-FG  
 FILE NAME TBGB-XXJAXA-FG APD.DWG