

## PLUG IN TYPE TERMINAL BLOCK

TÜV R50130520  
E133988(R)

ETB41 SERIES

CLAMPING TYPE

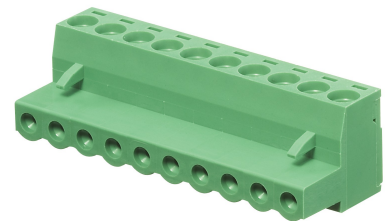
PITCH=5.08mm

### FEATURES

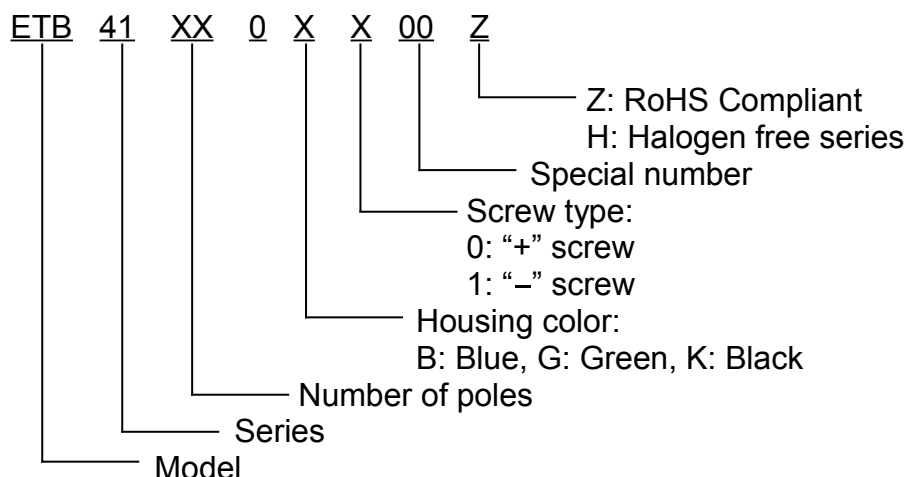
- Special wire protector design to ensure reliable wire clamping
- Be capable of clamping a wide range of wire diameters
- The Male connector of plug using a twin leaf phosphor bronze contact mates with the Female socket
- The Female socket is mounted and soldered to the P.C.B.
- Good for insertion & withdrawal
- UL 94V-0 grade fire retardant engineering plastic used for the housing
- RoHS Compliant
- Halogen free series available

### SPECIFICATIONS

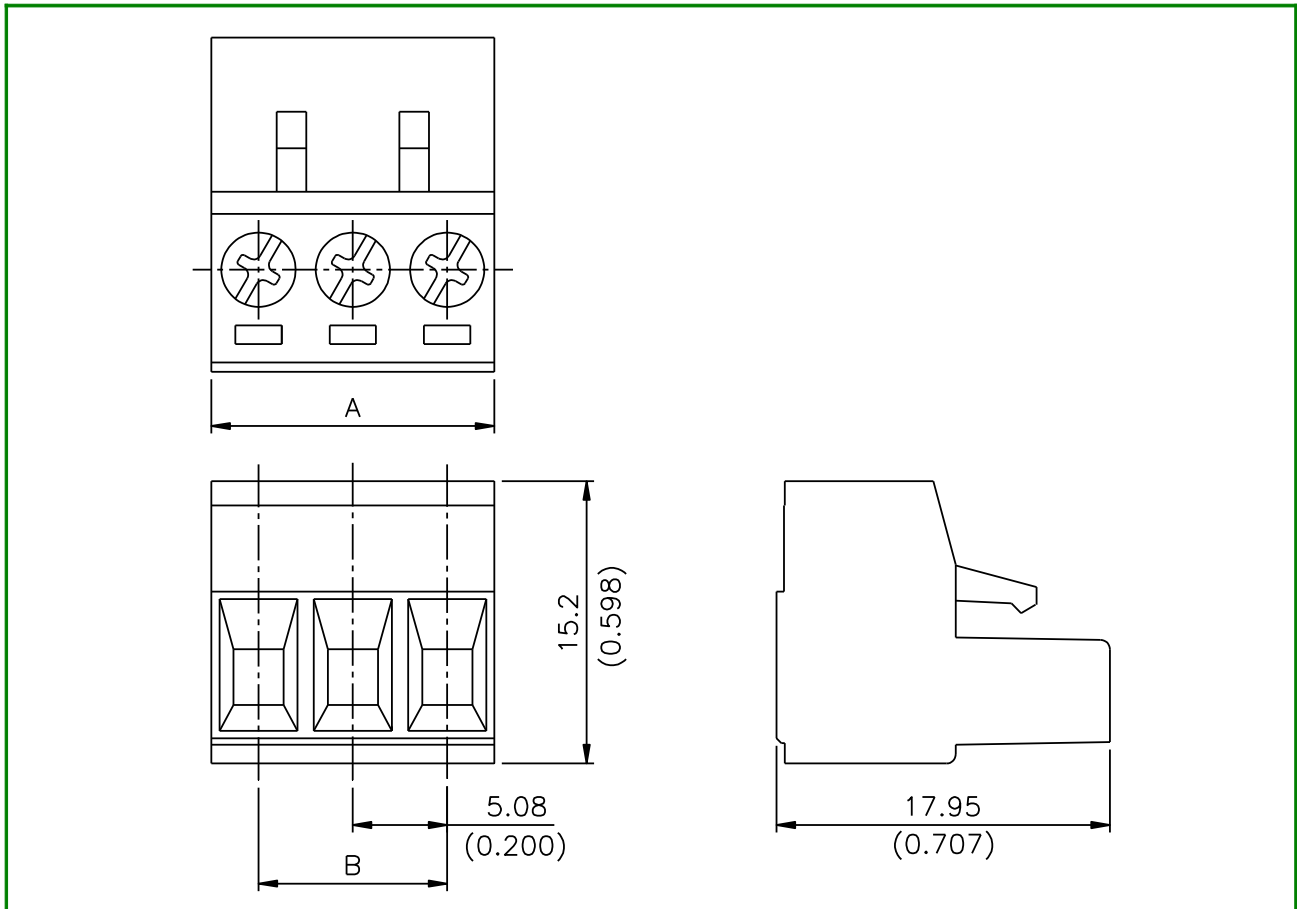
- Pitch 5.08mm
- Wire range 24~12 AWG
- No. of pole per block 2P to 16P
- Rating 10 Amp, 300 VAC
- Housing PA66
- Wire cage Nickel plated over Zinc Alloy
- Contacts Tin plated over Phosphor bronze
- Screws M3.0x0.5P, Zinc plated over Steel
- Torque 0.56 N-m (5.0 lb-in) (Tested by manual torque screwdriver)
- Operating temperature -30°C~+110°C (Includes temperature rise limit)
- Stripping length 7mm
- Contact resistance 30 mΩ Max.
- UL Approval 300V, 10A, 24~12 AWG
- CUL Approval 300V, 10A, 24~12 AWG
- TUV Approval 250V, -30°C~110°C, 15A Max., 0.2 to 2.5mm<sup>2</sup>
- Plug in with ETB43



### PART NUMBERING SYSTEM



## DRAWING



| POLE<br>DIM. | 2                | 3                | 4                | 5                | 6                | 7                | 8                | 9                | 10               | 11               | 12               | 13               | 14               | 15               | 16               |
|--------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| A            | 10.16<br>(0.400) | 15.24<br>(0.600) | 20.32<br>(0.800) | 25.40<br>(1.000) | 30.48<br>(1.200) | 35.56<br>(1.400) | 40.64<br>(1.600) | 45.72<br>(1.800) | 50.80<br>(2.000) | 55.88<br>(2.200) | 60.96<br>(2.400) | 66.04<br>(2.600) | 71.12<br>(2.800) | 76.20<br>(3.000) | 81.28<br>(3.200) |
| B            | 5.08<br>(0.200)  | 10.16<br>(0.400) | 15.24<br>(0.600) | 20.32<br>(0.800) | 25.40<br>(1.000) | 30.48<br>(1.200) | 35.56<br>(1.400) | 40.64<br>(1.600) | 45.72<br>(1.800) | 50.80<br>(2.000) | 55.88<br>(2.200) | 60.96<br>(2.400) | 66.04<br>(2.600) | 71.12<br>(2.800) | 76.20<br>(3.000) |