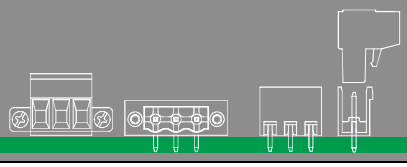
An ISO 9001 Company

PLUG IN TYPE TERMINAL BLOCK
– ETB83 SERIES



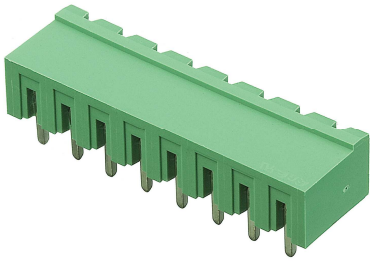
SOCKET TYPE | PITCH=5.0mm

■ 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

■ SPECIFICATIONS

● Pitch	5.0 mm
● No. of pole per block	2P to 16P
● Rating	10 Amp, 300 VAC
● Housing	PA66
● Terminals	Tin plated over Copper Alloy
● Operating temperature	-30℃~+110℃ (Includes temperature rise limit)
● UL Approval	300V, 10A
● CUL Approval	300V, 10A
● TUV Approval	250V, -30℃~+110℃, 15A Max., 0.2~2.5mm²

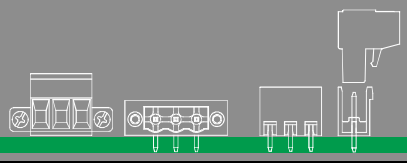


■ PART NUMBERING SYSTEM

ETB 83 XX X X 0 00 Z

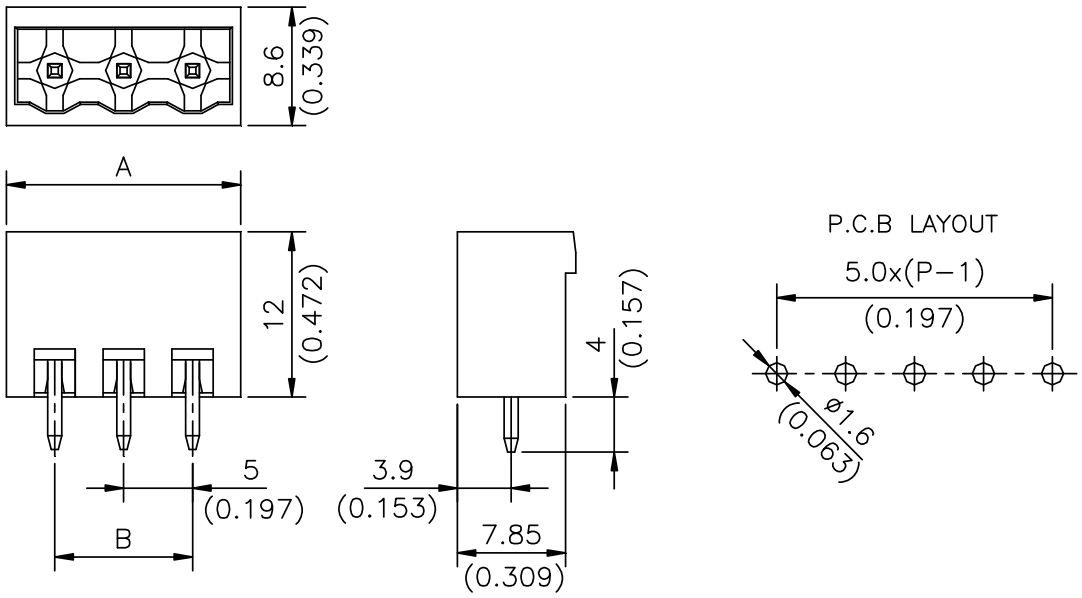
- Z: RoHS Compliant
- Special number
- Housing color: B: Blue, G: Green, K: Black
- Terminal type: 1: Straight pin type, 2: Right angle type
- Number of poles
- Series
- Model

PLUG IN TYPE TERMINAL BLOCK
– ETB83 SERIES

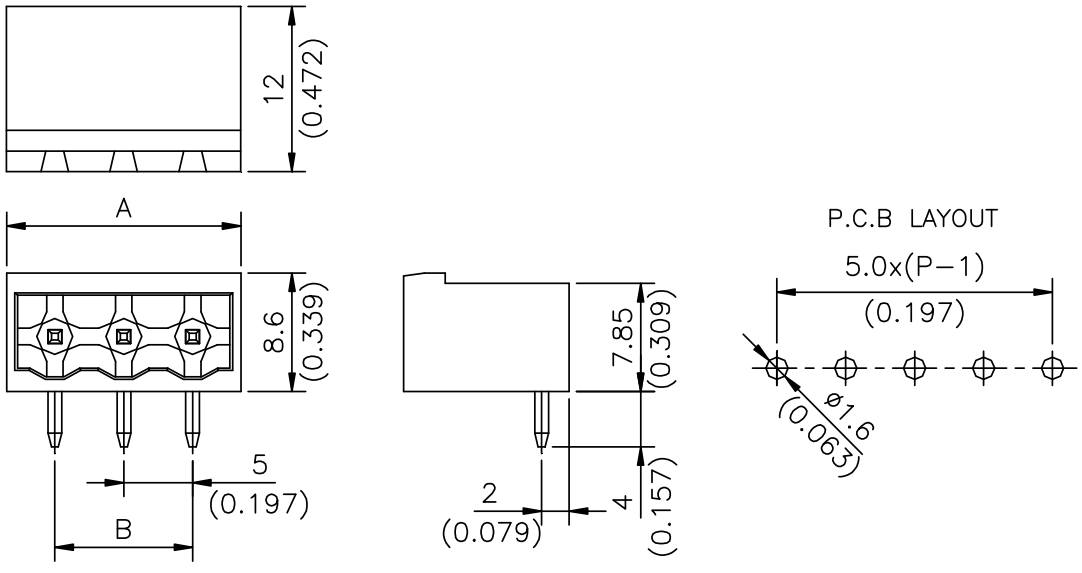


■ DRAWING

ETB83**1

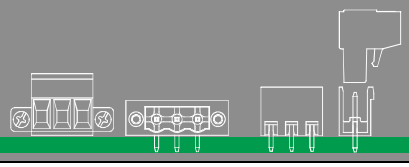


ETB83**2



POLE / DIM.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	12 (0.472)	17 (0.669)	22 (0.866)	27 (1.063)	32 (1.260)	37 (1.457)	42 (1.654)	47 (1.850)	52 (2.047)	57 (2.244)	62 (2.441)	67 (2.638)	72 (2.835)	77 (3.031)	82 (3.228)
B	5 (0.197)	10 (0.394)	15 (0.591)	20 (0.787)	25 (0.984)	30 (1.181)	35 (1.378)	40 (1.575)	45 (1.772)	50 (1.969)	55 (2.165)	60 (2.362)	65 (2.559)	70 (2.756)	75 (2.953)

PLUG IN TYPE TERMINAL BLOCK
– ETB83 SERIES



STACKABLE TYPE | PITCH=5.0mm

■ 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

■ SPECIFICATIONS

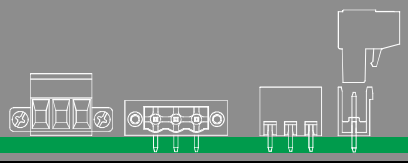
● Pitch	5.0 mm
● No. of pole per block	2P to 16P
● Rating	10 Amp, 300 VAC
● Housing	PA66
● Terminals	Tin plated over Copper Alloy
● Operating temperature	-30℃~+110℃ (includes temperature rise limit)
● UL Approval	300V, 10A
● CUL Approval	300V, 10A
● TUV Approval	250V, -30℃~+110℃, 15A Max., 0.2~2.5mm²

■ PART NUMBERING SYSTEM

ETB 83 XX X X 0 00 Z

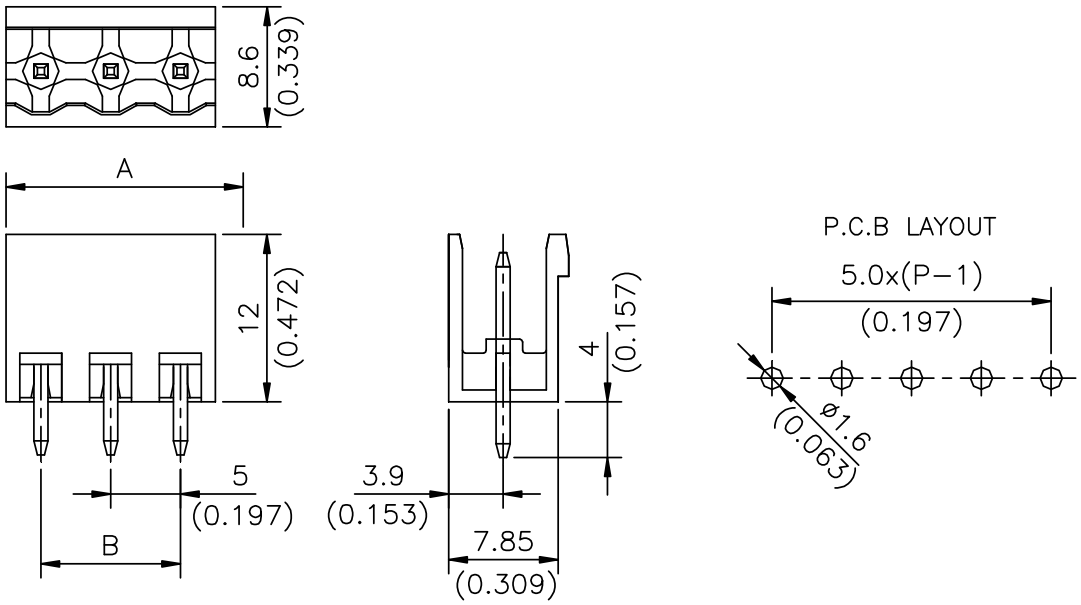
- Z: RoHS Compliant
- Special number
- Housing color:
  - B: Blue
  - G: Green
  - K: Black
- Terminal type:
  - 3: Straight pin and stackable type
  - 4: Right angle and stackable type
- Number of poles
- Series
- Model

PLUG IN TYPE TERMINAL BLOCK
– ETB83 SERIES

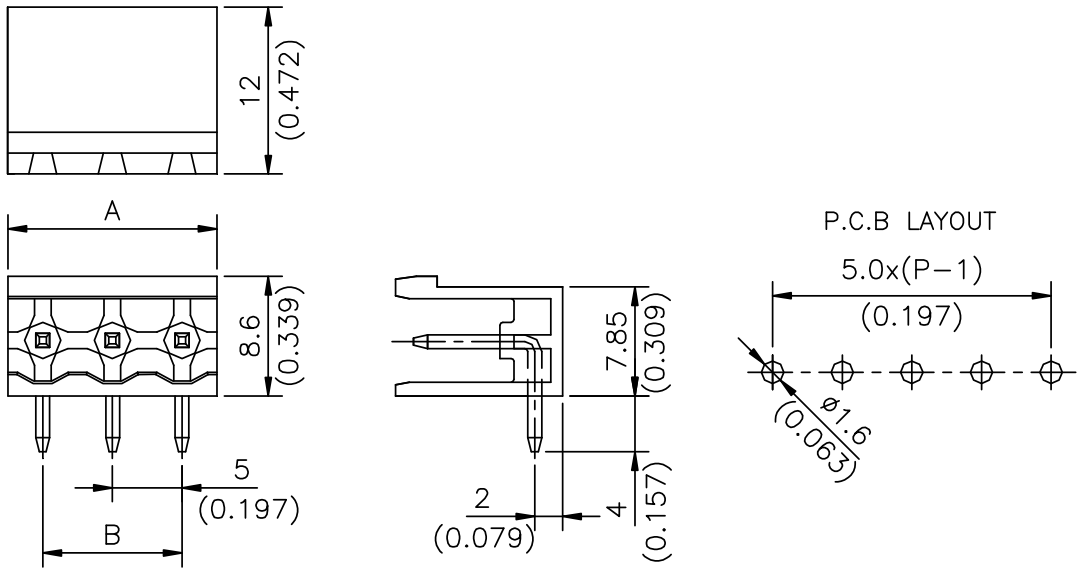


■ DRAWING

ETB83**3



ETB83**4



POLE / DIM.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	10 (0.394)	15 (0.591)	20 (0.787)	25 (0.984)	30 (1.181)	35 (1.378)	40 (1.575)	45 (1.772)	50 (1.969)	55 (2.165)	60 (2.362)	65 (2.559)	70 (2.756)	75 (2.953)	80 (3.150)
B	5 (0.197)	10 (0.394)	15 (0.591)	20 (0.787)	25 (0.984)	30 (1.181)	35 (1.378)	40 (1.575)	45 (1.772)	50 (1.969)	55 (2.165)	60 (2.362)	65 (2.559)	70 (2.756)	75 (2.953)