An ISO 9001 Company

WIRE TO PCB TYPE TERMINAL BLOCK
– ETB51 SERIES

MOUNT TYPE / BARRIER TYPE | PITCH=8.25mm

■ FEATURES

- Can be supplied in any number of positions
- Special wire protector design to ensure reliable wire clamping
- UL 94V-0 grade fire retardant engineering plastic used for the housing
- Be capable of clamping a wide range of wire diameters
- Wide choice of pitch & terminal

■ SPECIFICATIONS

● Pitch	8.25mm (0.325 inch)
● Wire range	14~22 AWG
● Rating	15 Amp, 300 VAC
● Housing material	Thermoplastic (UL 94V-0) Black
● Terminals	Tin plated over Brass
● Screws	Nickel plated over Steel
● Dielectric strength	2000 VAC (Min.)
● Insulation resistance	1000 MΩ, 500 VDC

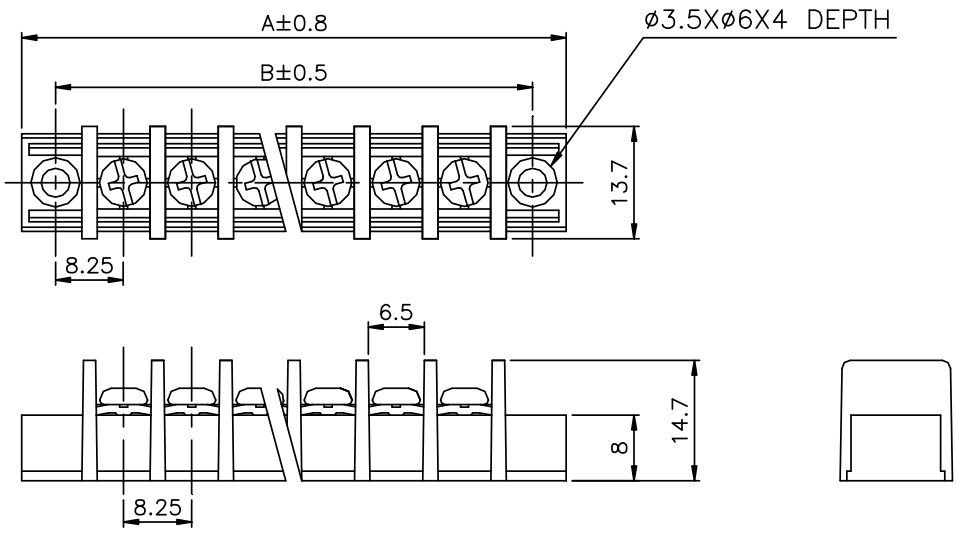
■ PART NUMBERING SYSTEM

ETB 51 01 1 02 XX Z

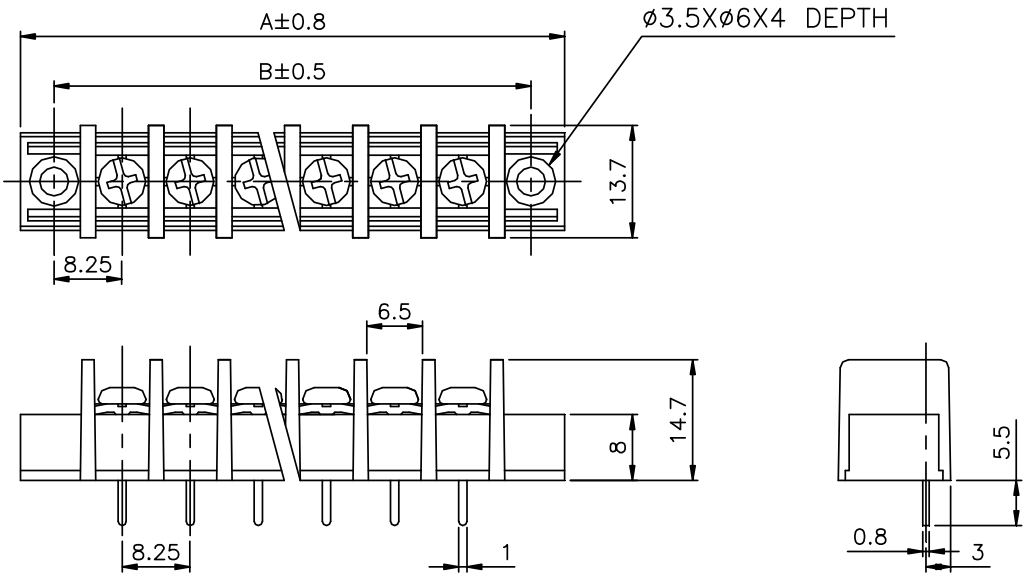
- Z: RoHS Compliant
- Special number
- Number of pole
- Housing type
  - 1: Mount type
  - 2: Barrier type
- Terminal type
- Series
- Model

DRAWING (MOUNT TYPE)

ETB51001**



ETB51011**



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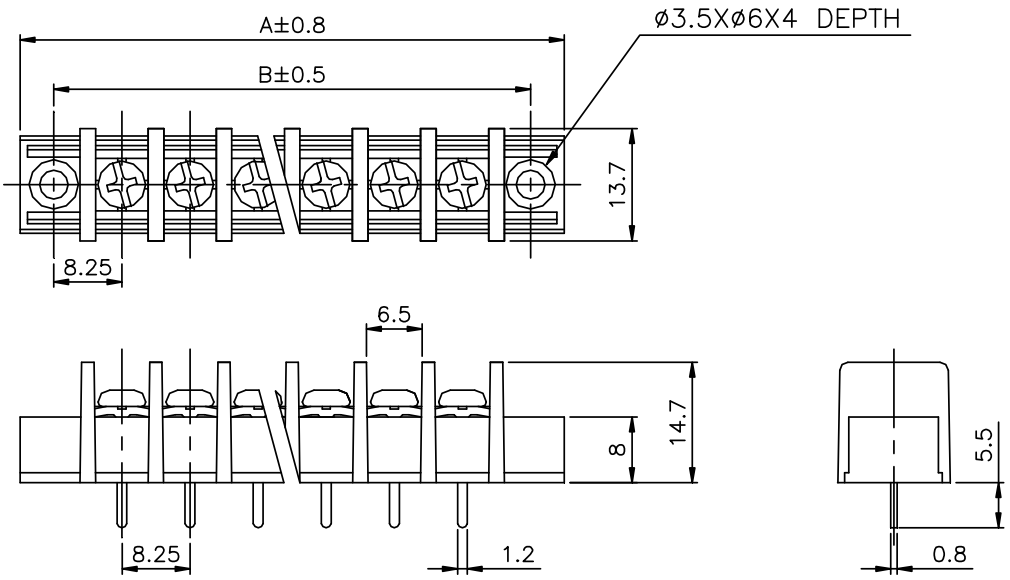

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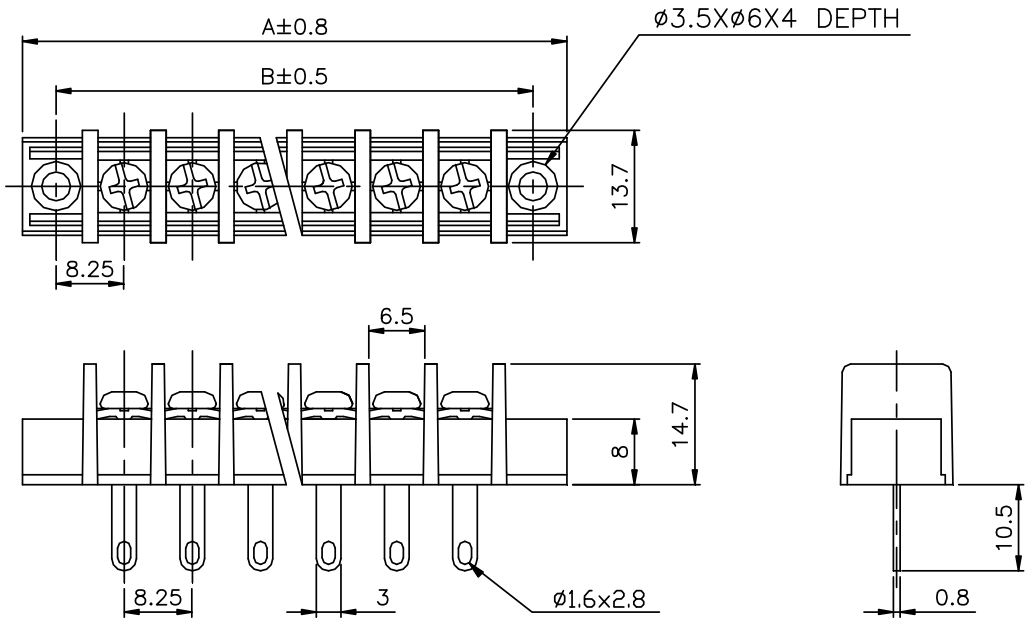

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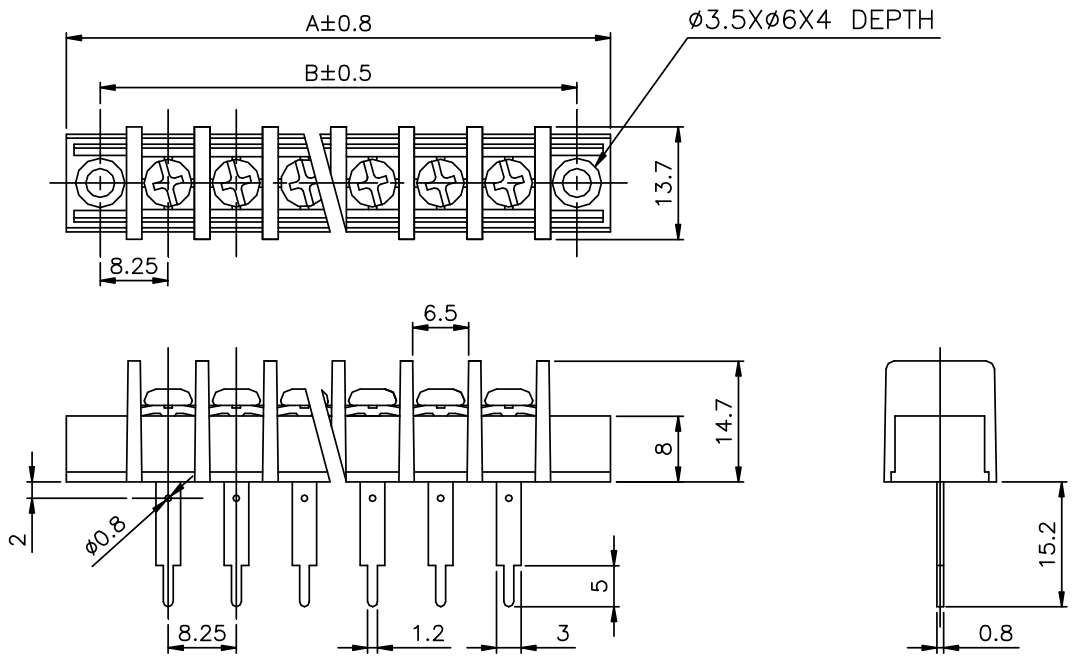
ETB51041**



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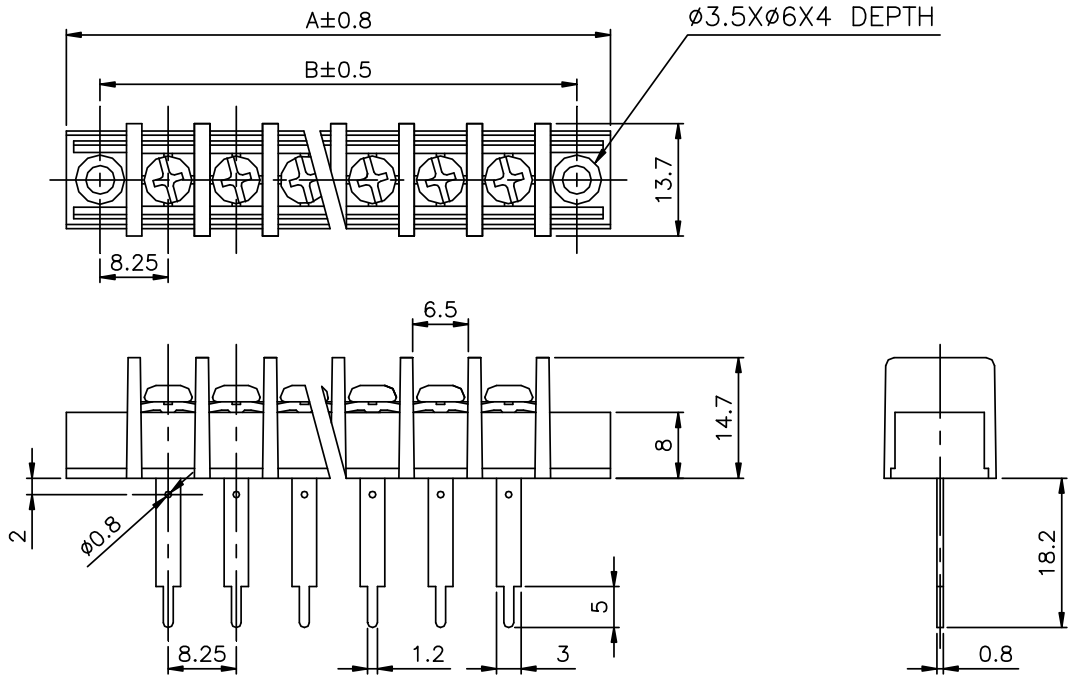

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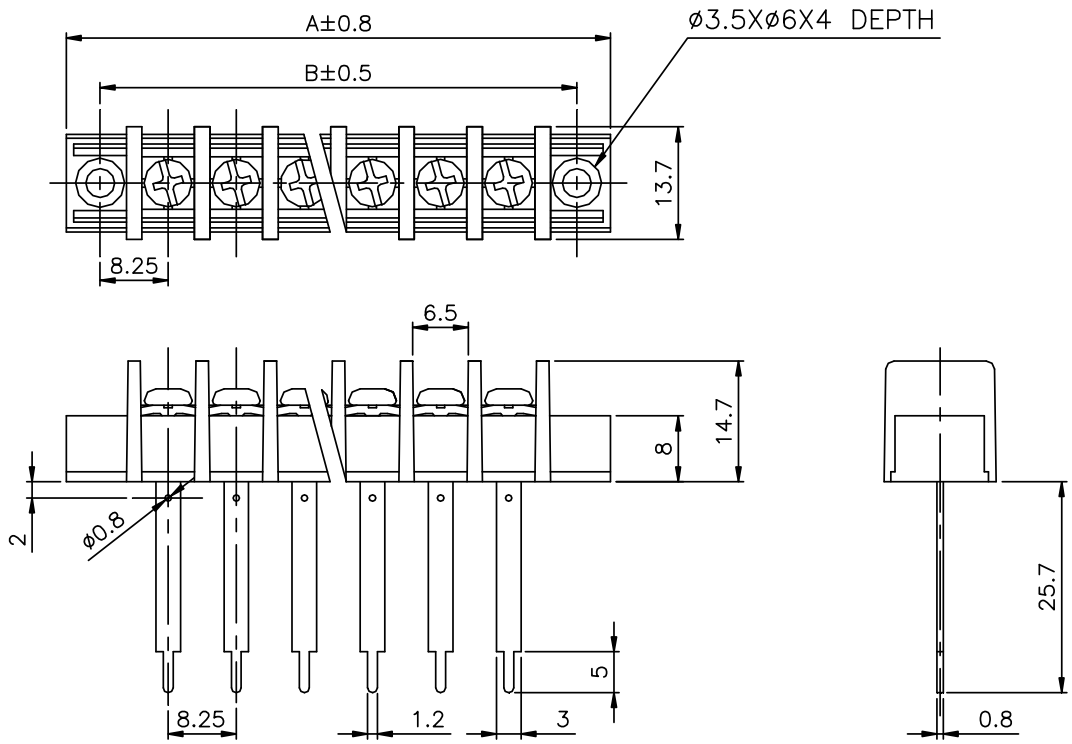
ETB51061**



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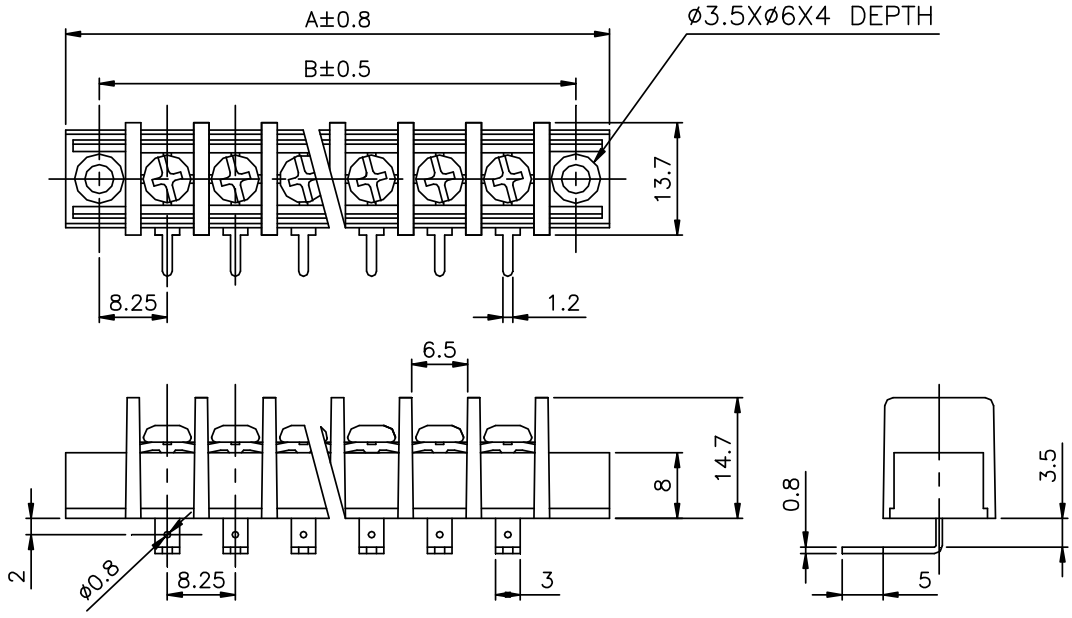

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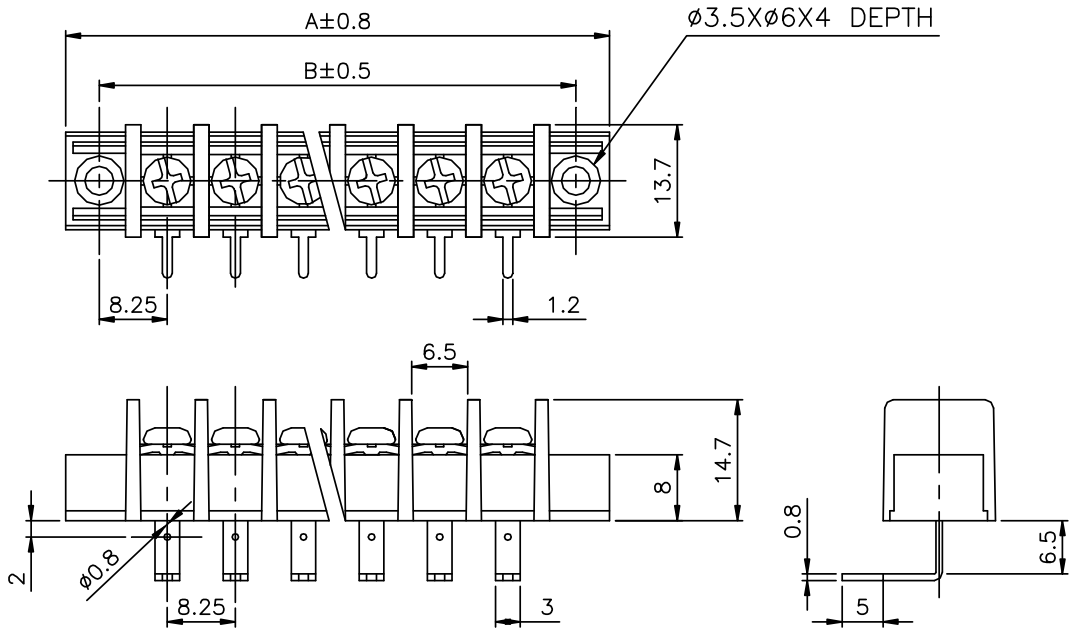
ETB51081**



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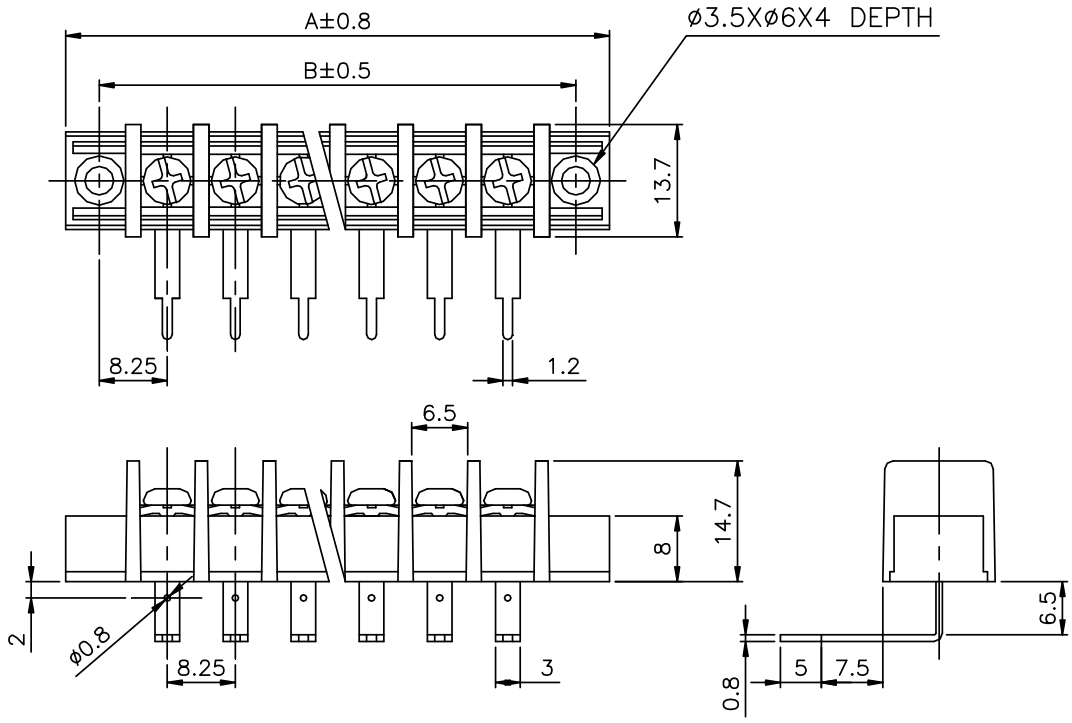

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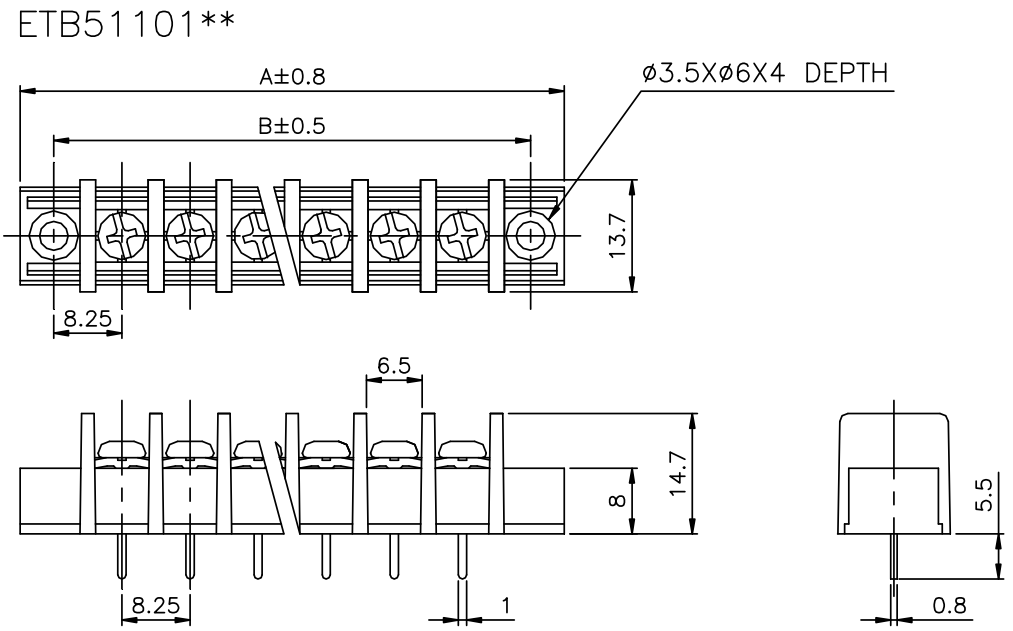

mm to inch

mm	0.8	1	1.2	1.6	2	2.8	3	3.5	4	5	5.5	6	6.5	7.5	8
inch	0.031	0.039	0.047	0.063	0.079	0.110	0.118	0.138	0.157	0.197	0.217	0.236	0.256	0.295	0.315
mm	8.25	10.5	13.7	14.7	15.2	18.2	25.7								
inch	0.325	0.413	0.539	0.579	0.598	0.717	1.012								

DIMENSIONS OF MOUNT TYPE **NUMBER OF POLE 02~30.

POLE / DIM.	2	3	4	5	6	7	8	9	10	11	12
A±0.8	33.0 (1.299)	41.3 (1.626)	49.5 (1.949)	57.8 (2.276)	66.0 (2.598)	74.3 (2.925)	82.5 (3.248)	90.8 (3.575)	99.0 (3.898)	107.3 (4.224)	115.5 (4.547)
B±0.5	24.75 (0.974)	33.00 (1.299)	41.25 (1.624)	49.50 (1.949)	57.75 (2.274)	66.00 (2.598)	74.25 (2.923)	82.50 (3.248)	90.75 (3.573)	99.00 (3.898)	107.25 (4.222)
POLE / DIM.	13	14	15	16	17	18	19	20	21	22	23
A±0.8	123.8 (4.874)	132.0 (5.197)	140.3 (5.524)	148.5 (5.846)	156.8 (6.173)	165.0 (6.496)	173.3 (6.823)	181.5 (7.146)	189.8 (7.472)	198.0 (7.795)	206.3 (8.122)
B±0.5	115.50 (4.547)	123.75 (4.872)	132.00 (5.197)	140.25 (5.522)	148.50 (5.846)	156.75 (6.171)	165.00 (6.496)	173.25 (6.821)	181.50 (7.146)	189.75 (7.470)	198.00 (7.795)
POLE / DIM.	24	25	26	27	28	29	30				
A±0.8	214.5 (8.445)	222.8 (8.772)	231.0 (9.094)	239.3 (9.421)	247.5 (9.744)	255.8 (10.071)	264.0 (10.394)				
B±0.5	206.25 (8.120)	214.50 (8.445)	222.75 (8.770)	231.00 (9.094)	239.25 (9.419)	247.50 (9.744)	255.75 (10.069)				

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DIMENSIONS OF BARRIER TYPE **NUMBER OF POLE 02~32.

POLE / DIM.	2	3	4	5	6	7	8	9	10	11	12
A±0.8	18.5 (0.728)	26.8 (1.053)	35.0 (1.378)	43.3 (1.703)	51.5 (2.028)	59.8 (2.352)	68.0 (2.677)	76.3 (3.002)	84.5 (3.327)	92.8 (3.652)	101.0 (3.976)
B±0.5	8.25 (0.325)	16.50 (0.650)	24.75 (0.974)	33.00 (1.299)	41.25 (1.624)	49.50 (1.949)	57.75 (2.274)	66.00 (2.598)	74.25 (2.923)	82.50 (3.248)	90.75 (3.573)
POLE / DIM.	13	14	15	16	17	18	19	20	21	22	23
A±0.8	109.3 (4.301)	117.5 (4.626)	125.8 (4.951)	134.0 (5.276)	142.3 (5.600)	150.5 (5.925)	158.8 (6.250)	167.0 (6.575)	175.3 (6.900)	183.5 (7.224)	191.8 (7.549)
B±0.5	99.00 (3.898)	107.25 (4.222)	115.50 (4.547)	123.75 (4.872)	132.00 (5.197)	140.25 (5.522)	148.50 (5.846)	156.75 (6.171)	165.00 (6.496)	173.25 (6.821)	181.50 (7.146)
POLE / DIM.	24	25	26	27	28	29	30	31	32		
A±0.8	200.0 (7.874)	208.3 (8.199)	216.5 (8.524)	224.8 (8.848)	233.0 (9.173)	241.3 (9.498)	249.5 (9.823)	257.8 (10.148)	266.0 (10.472)		
B±0.5	189.75 (7.470)	198.00 (7.795)	206.25 (8.120)	214.50 (8.445)	222.75 (8.770)	231.00 (9.094)	239.25 (9.419)	247.50 (9.744)	255.75 (10.069)		