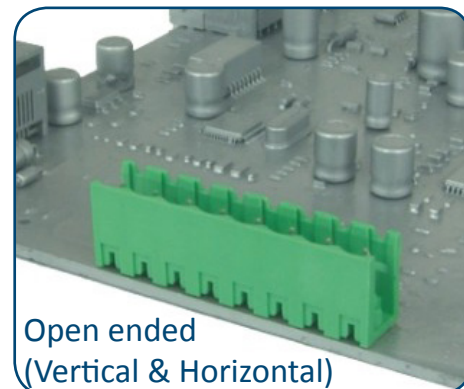
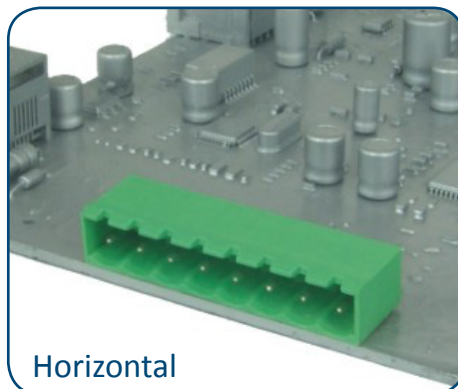
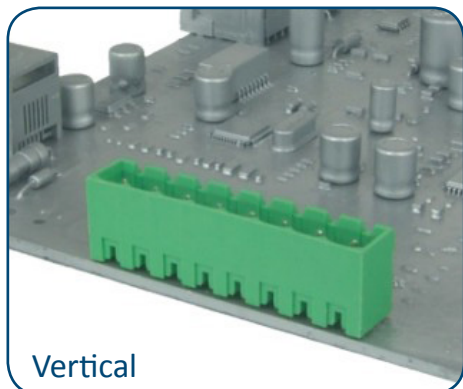
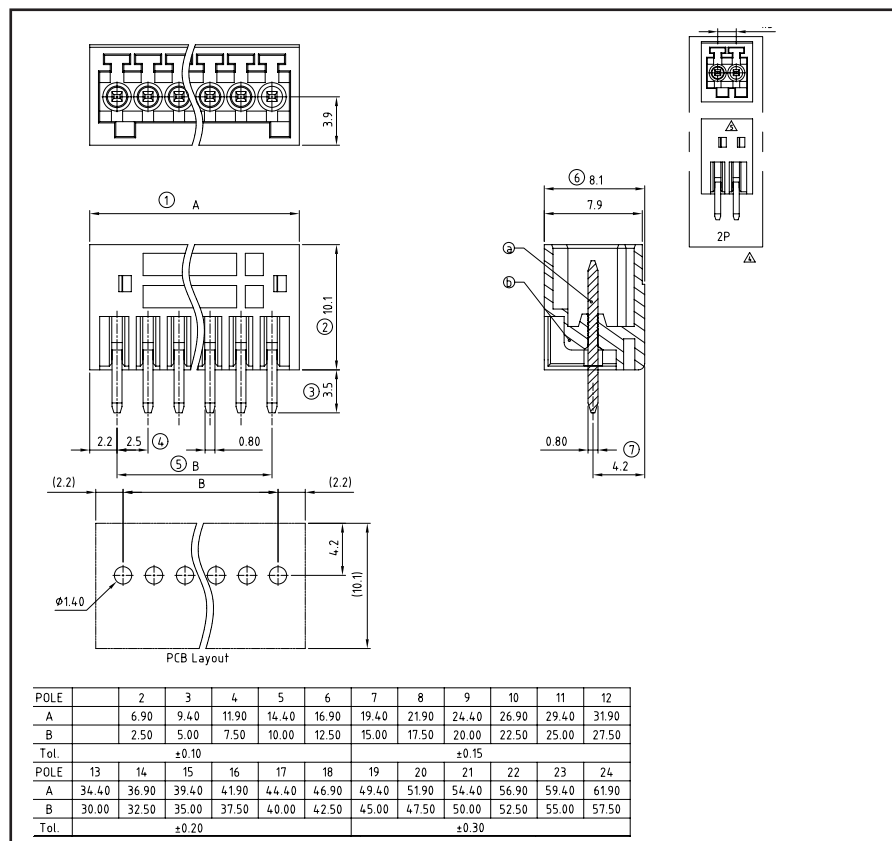




TECHNICAL INFORMATION

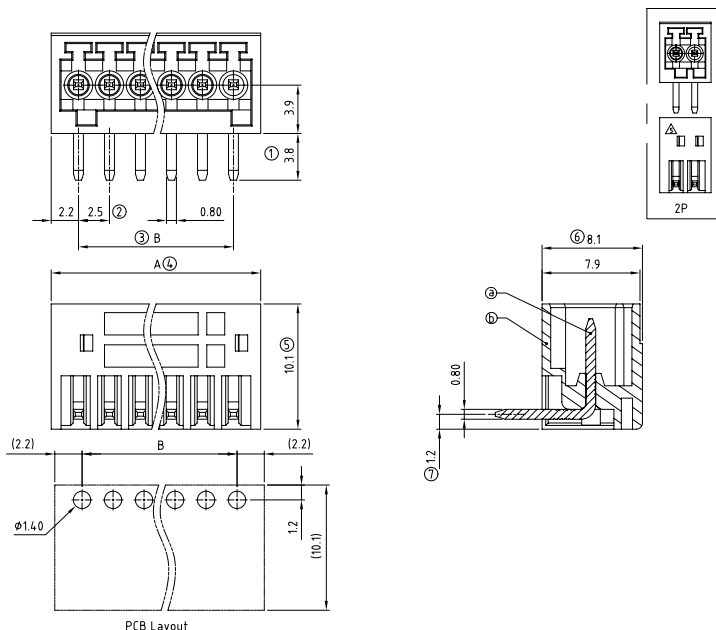
HMSA Series				
Pitch Available (mm)	2.5	3.5/ 3.81	5.00/ 5.08	7.62
Poles Available	2 - 24	2 - 24	2 - 24	2 - 16
Voltage Rating	125V	300V	300V	300V
Current Rating	4A	10A	20A	20A
Withstanding voltage	1.6KV	1.6KV	1.6KV	1.6KV
Electrical Approval	cULus - File number E314038			
Operating Temperature	-40°C to +115 °C			
Soldering Temperature	250°C ± 10°C / 5 Sec			

DRAWINGS



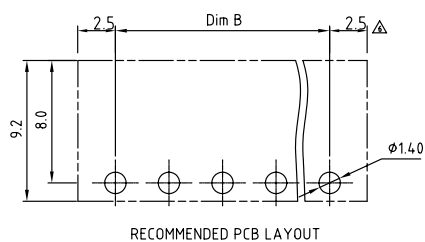
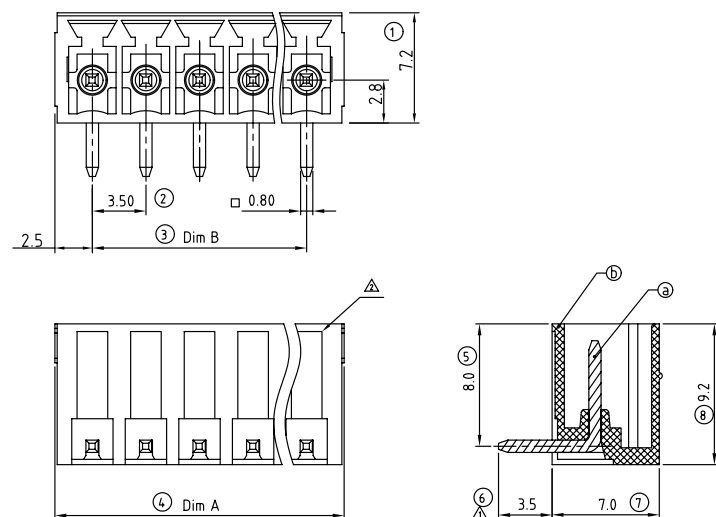
2.5mm pitch Vertical

2.5mm pitch Horizontal



POLE	2	3	4	5	6	7	8	9	10	11	12	
A	6.90	9.40	11.90	14.40	16.90	19.40	21.90	24.40	26.90	29.40	31.90	
B	2.50	5.00	7.50	10.00	12.50	15.00	17.50	20.00	22.50	25.00	27.50	
Tol.	±0.10							±0.15				
POLE	13	14	15	16	17	18	19	20	21	22	23	24
A	34.40	36.90	39.40	41.90	44.40	46.90	49.40	51.90	54.40	56.90	59.40	61.90
B	30.00	32.50	35.00	37.50	40.00	42.50	45.00	47.50	50.00	52.50	55.00	57.50
Tol.	±0.20						±0.30					

3.5mm pitch Horizontal

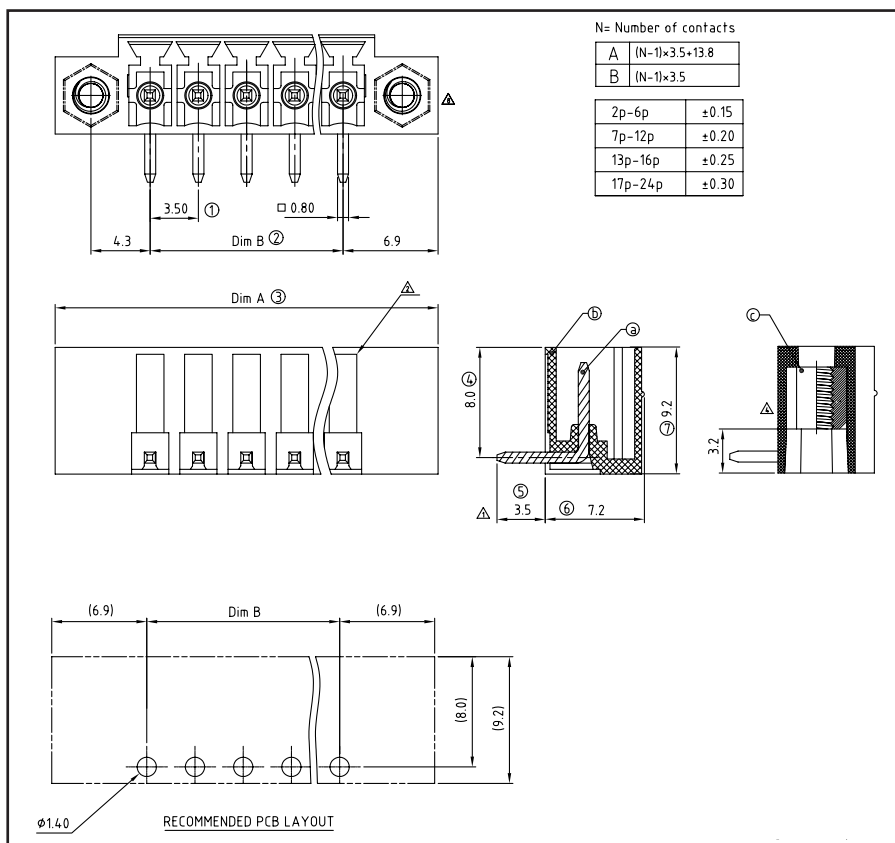


DIMENSION

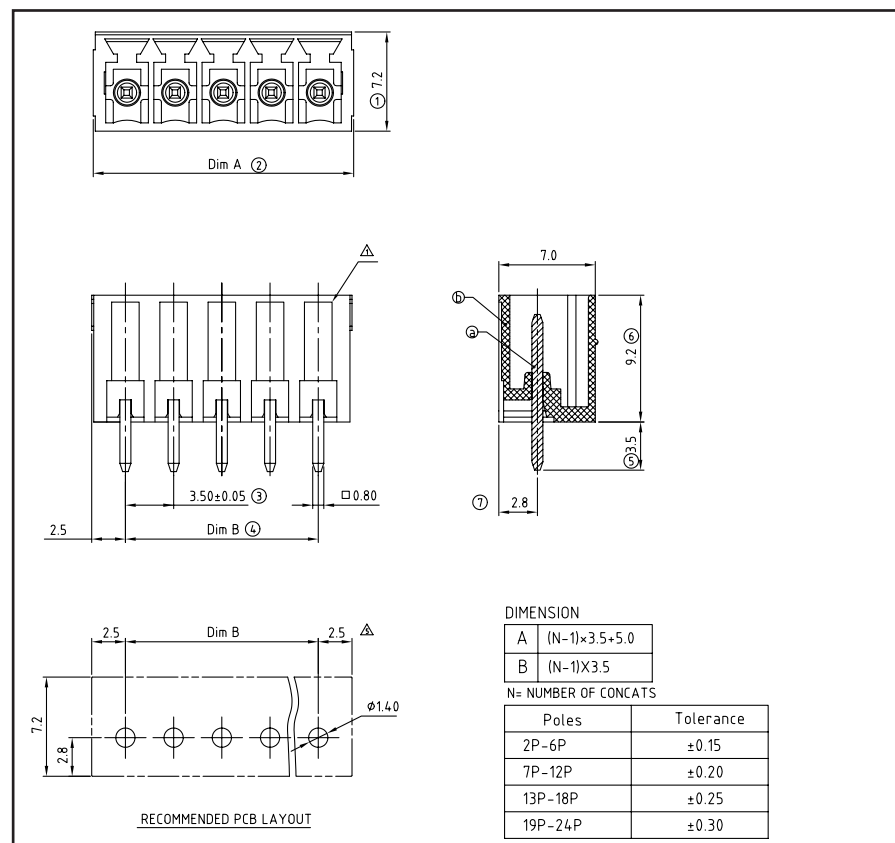
A	(N-1)×3.5+5.0
B	(N-1)×3.5

N= NUMBER OF CONCATS

Poles	Tolerance
2P-6P	±0.15
7P-12P	±0.20
13P-18P	±0.25
19P-24P	±0.30

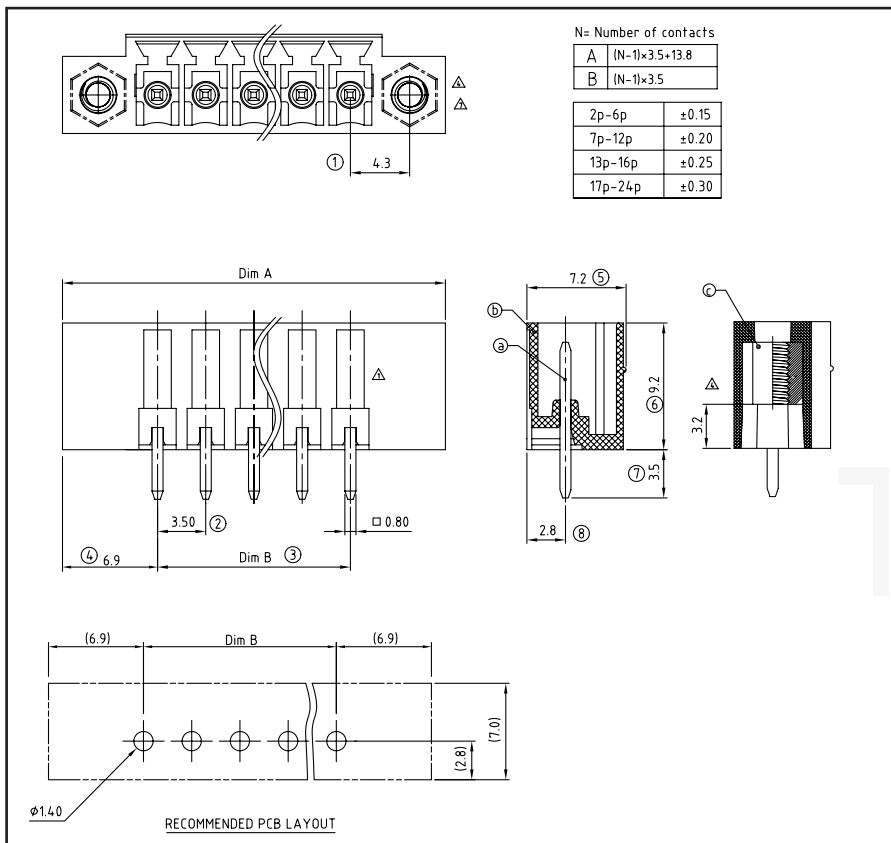


3.5mm pitch Horizontal with Flange

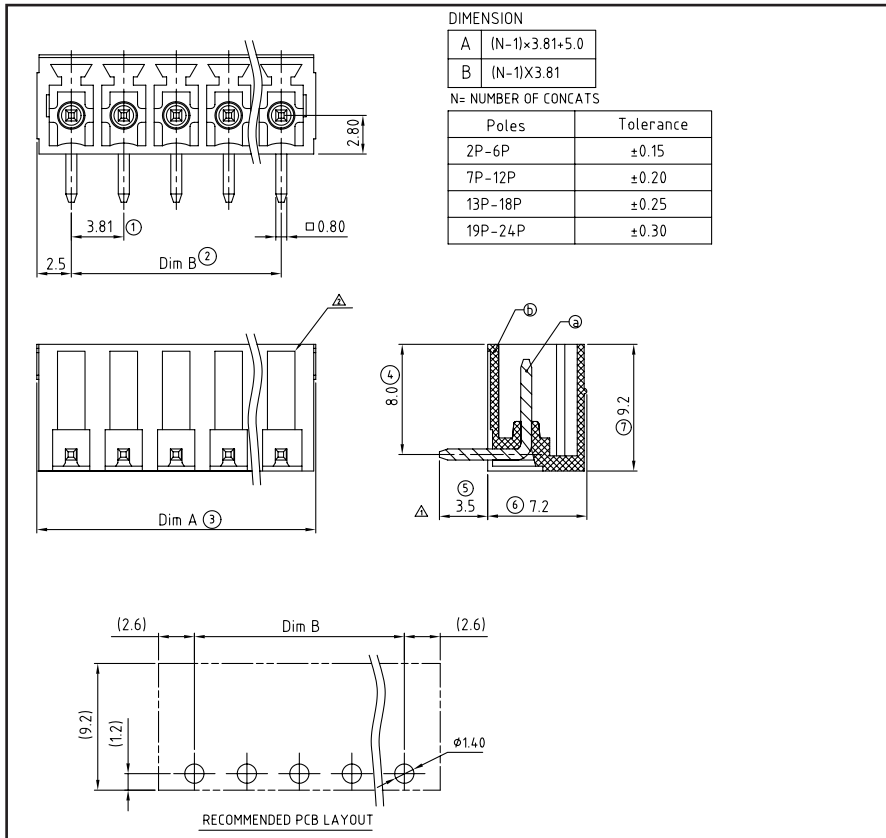


3.5mm pitch Vertical

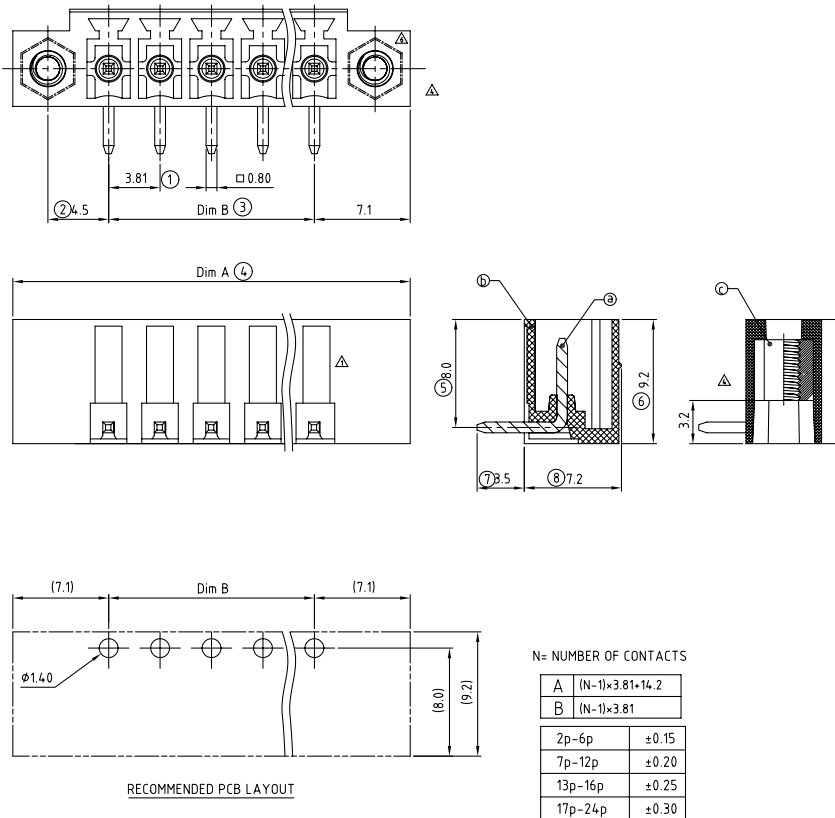
3.5mm pitch Vertical with Flange



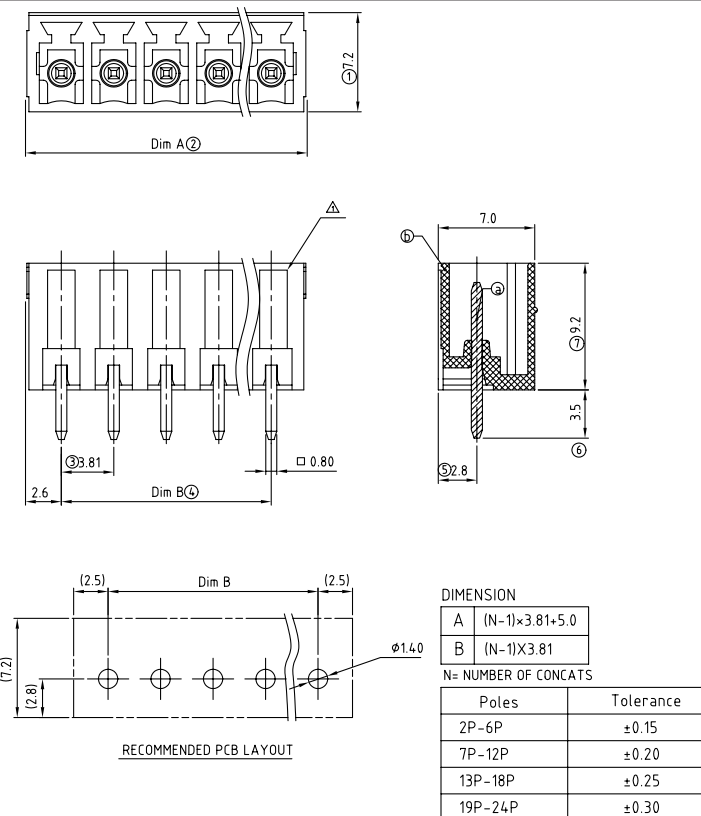
3.81 mm pitch Horizontal



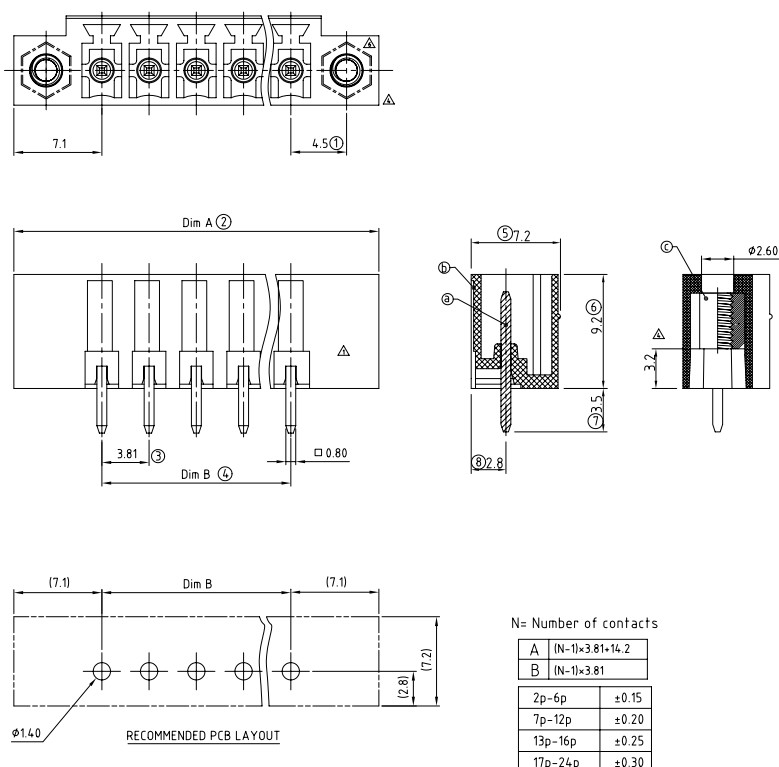
3.81mm pitch Horizontal with Flange



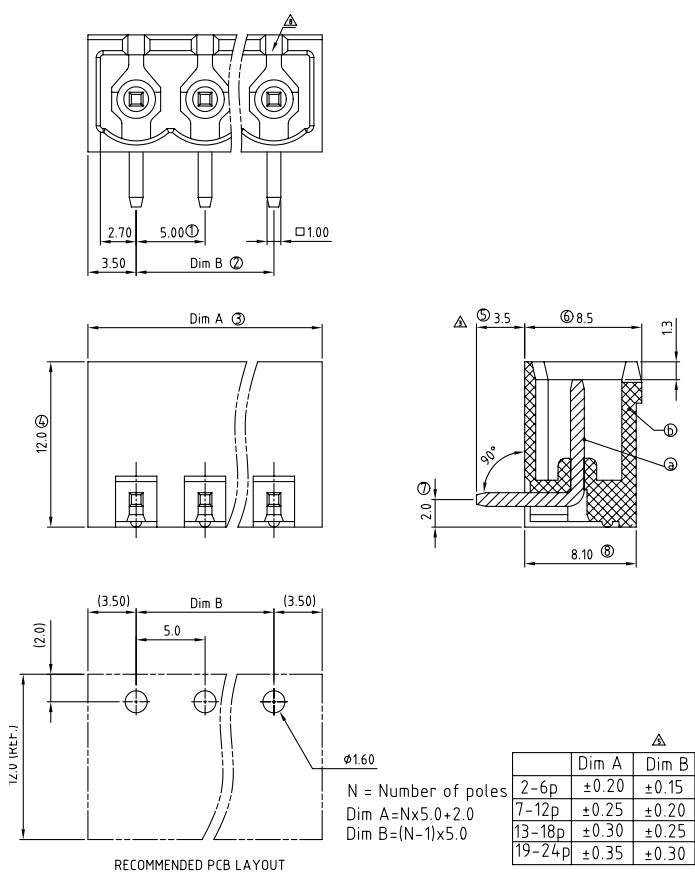
3.81mm pitch Vertical



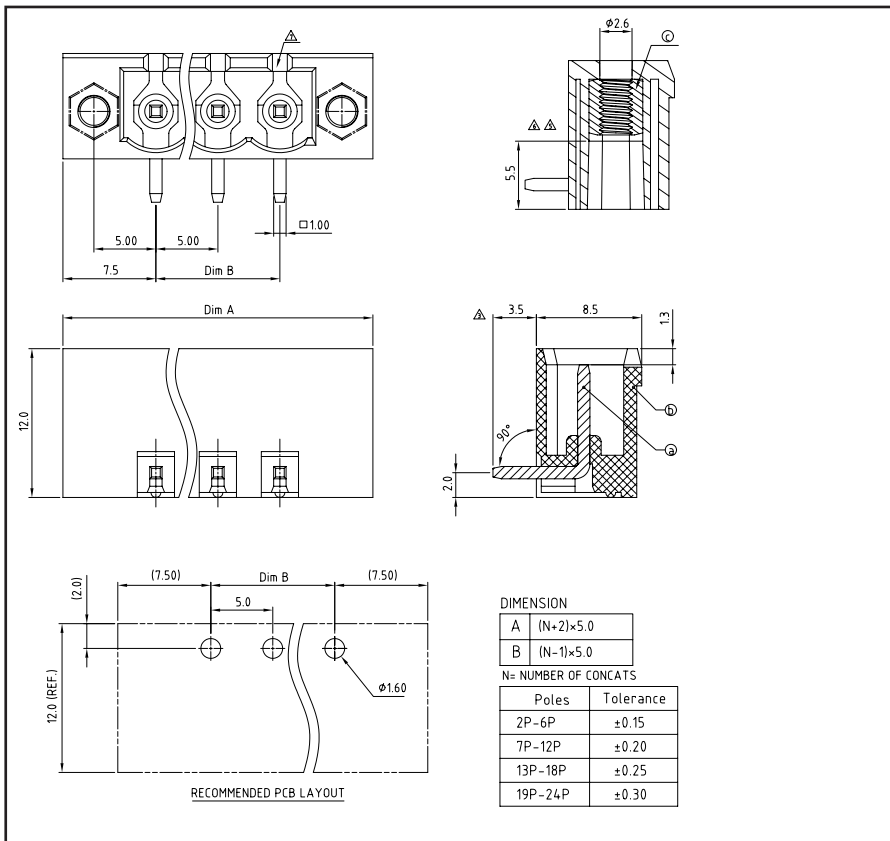
3.81mm pitch Vertical with Flange



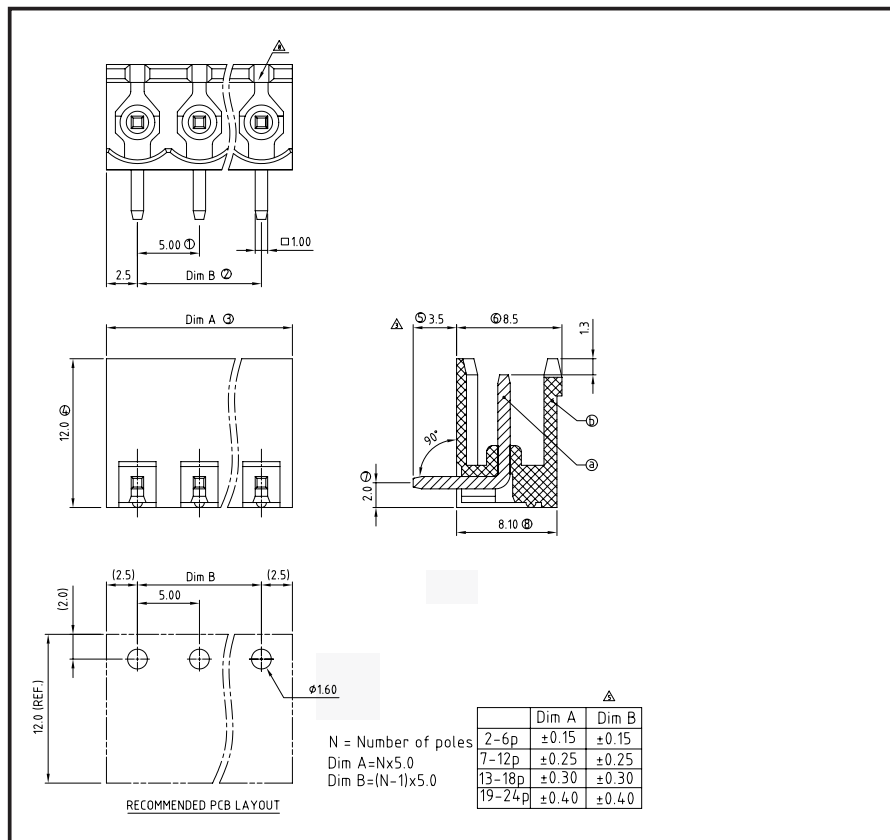
5.00mm pitch Horizontal



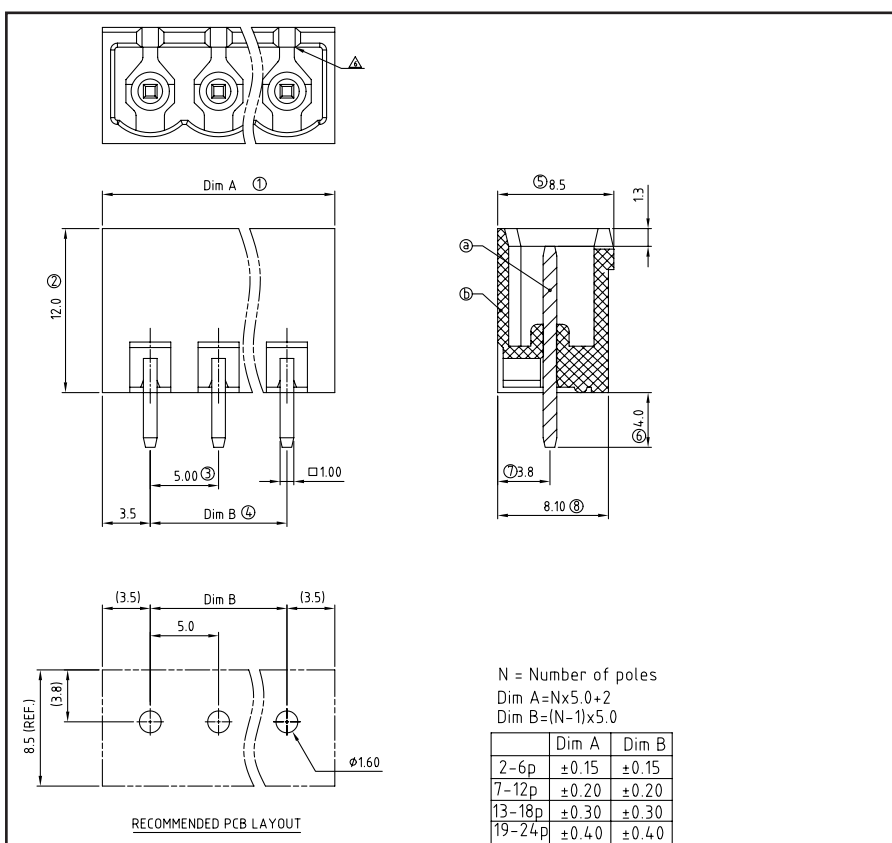
5.00mm pitch Horizontal with Flange



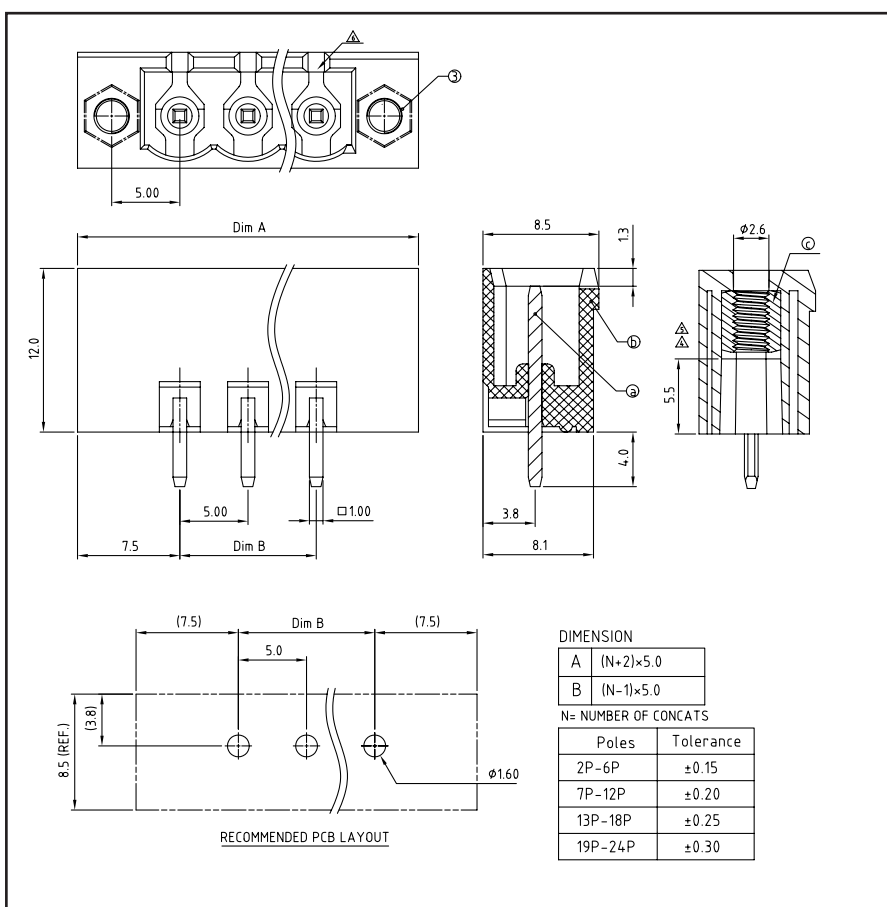
5.00mm pitch Horizontal Open



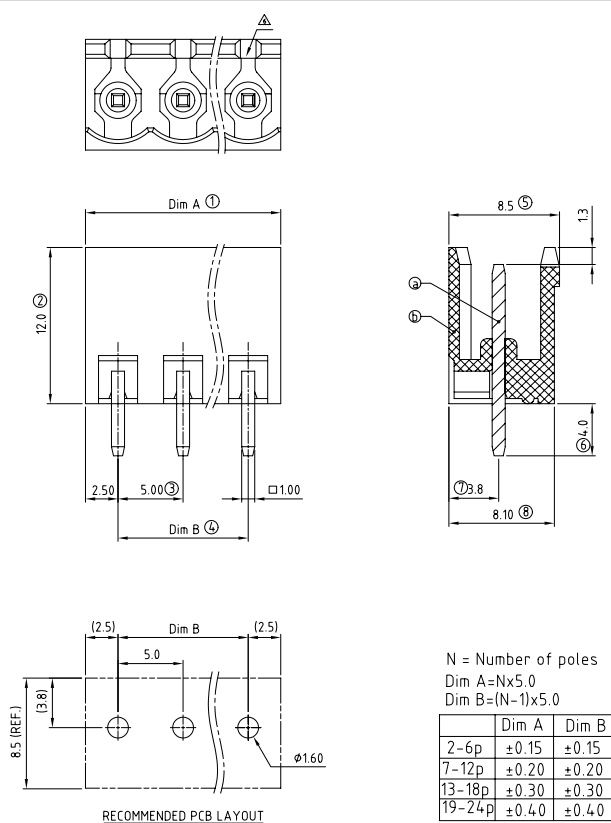
5.00mm pitch Vertical



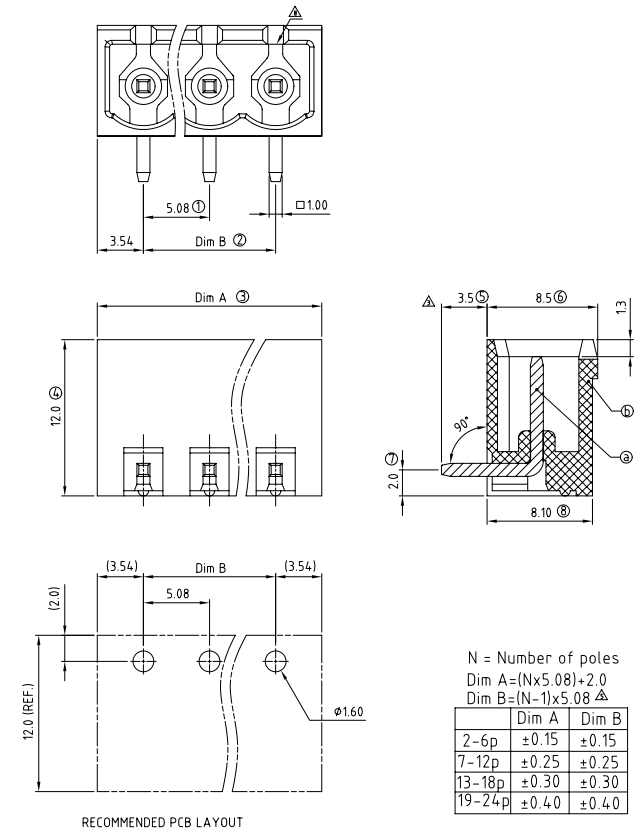
5.00mm pitch Vertical with Flange



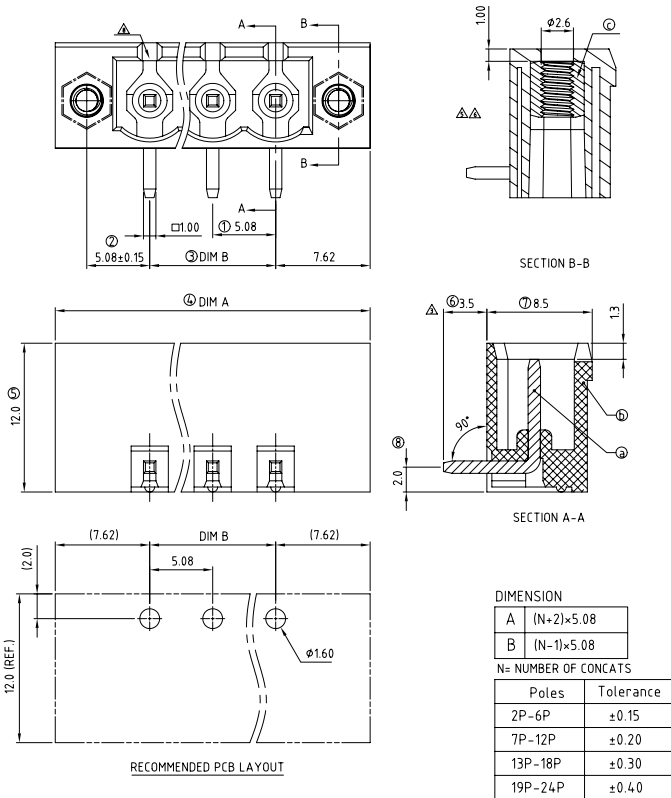
5.00mm pitch Vertical Open



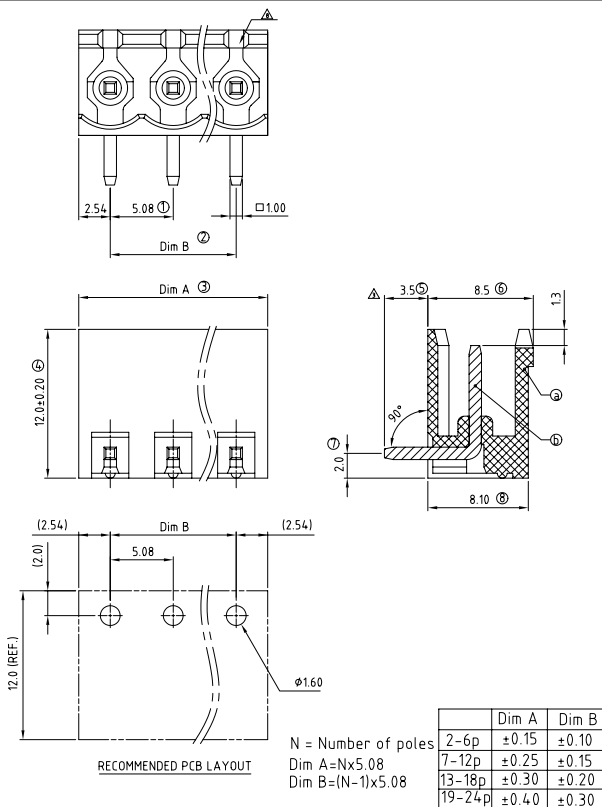
5.08mm pitch Horizontal



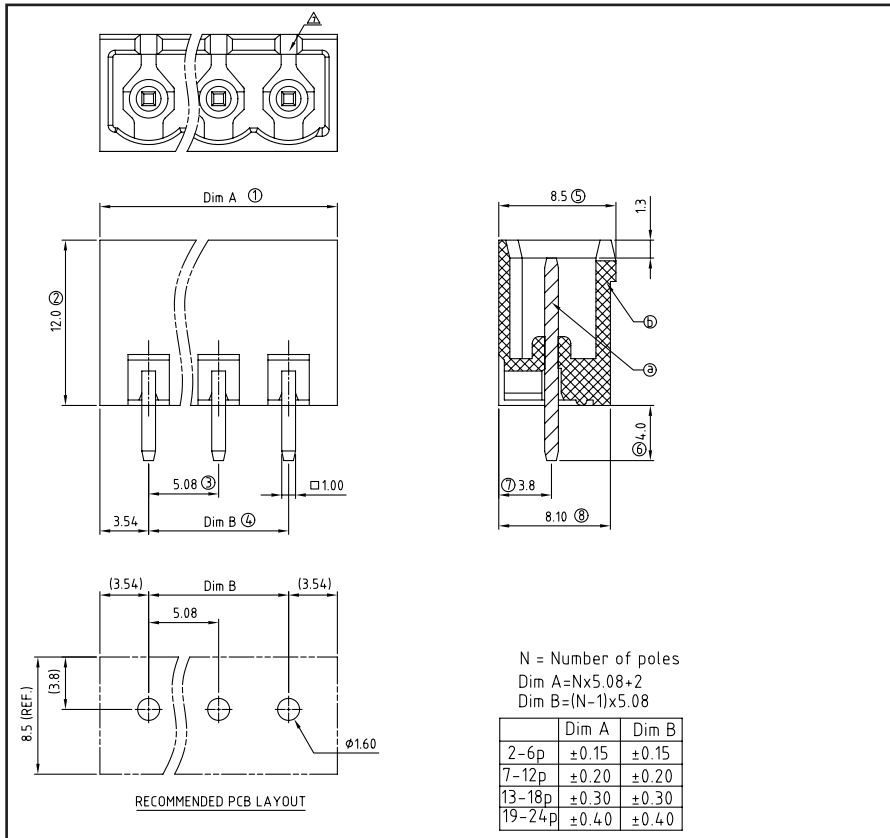
5.08mm pitch Horizontal with Flange



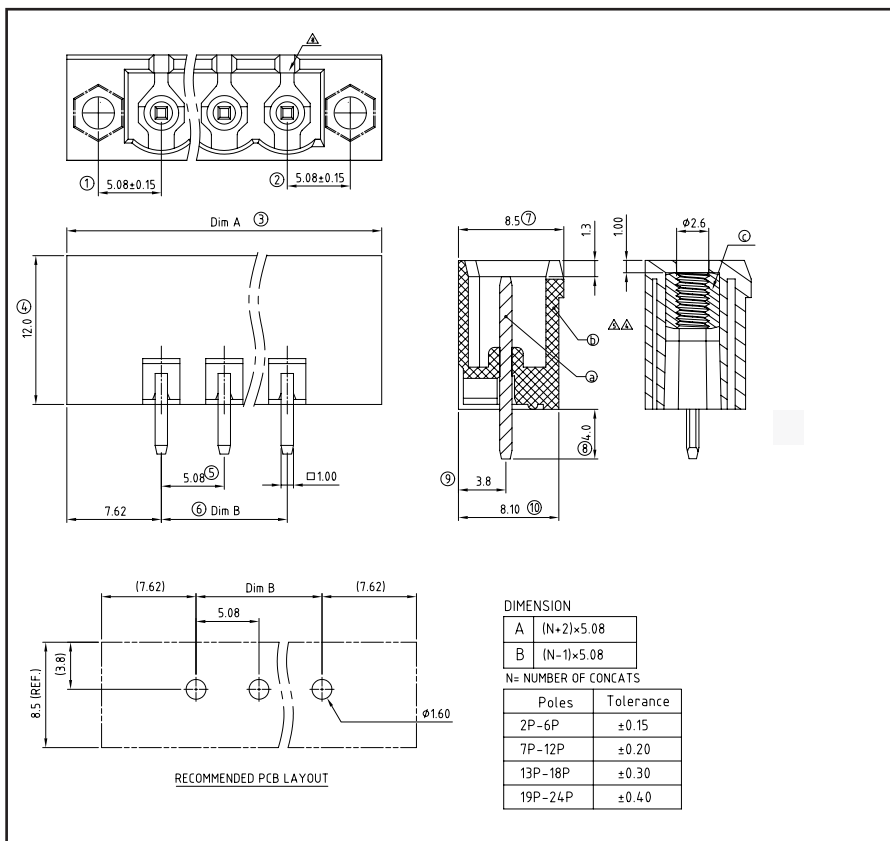
5.08mm pitch Horizontal Open



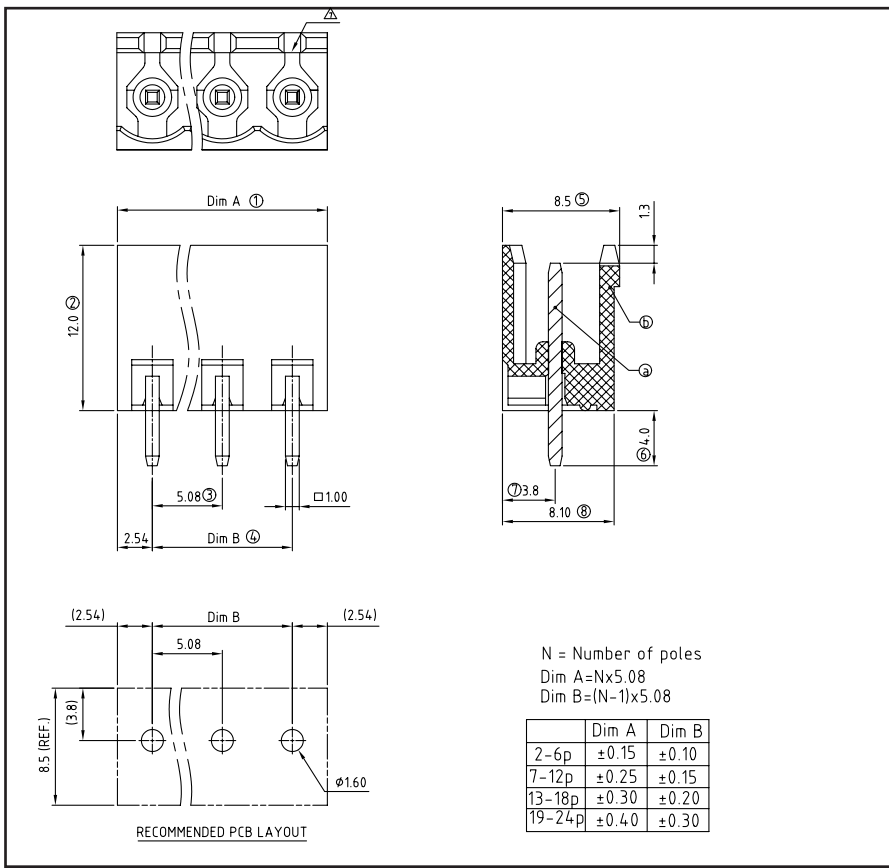
5.08mm pitch Vertical



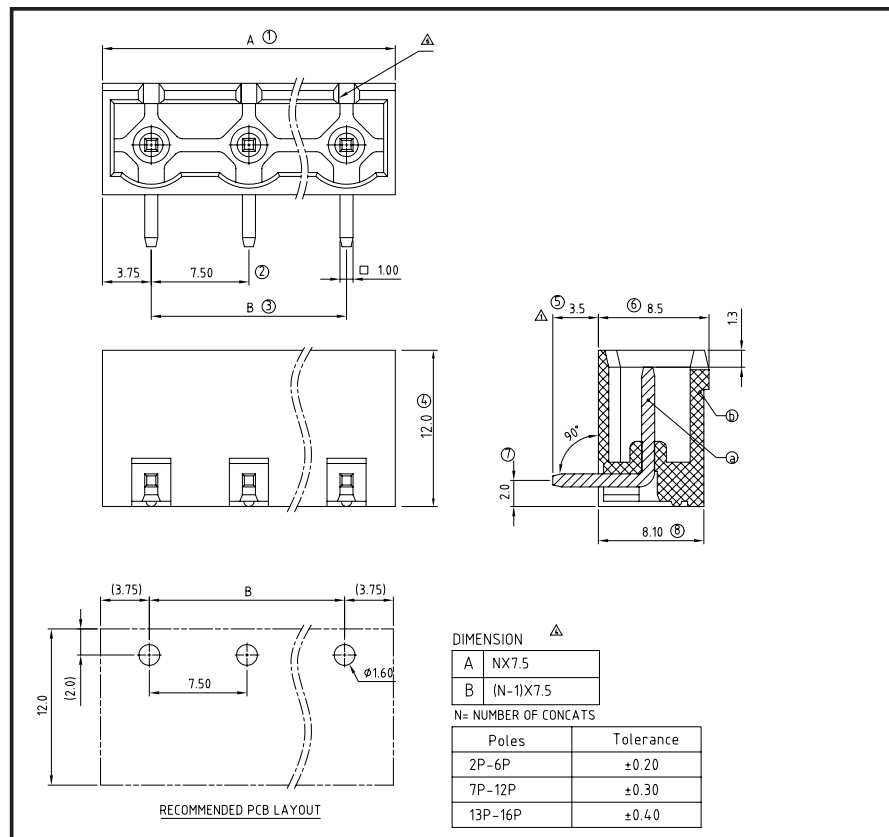
5.08mm pitch Vertical with Flange



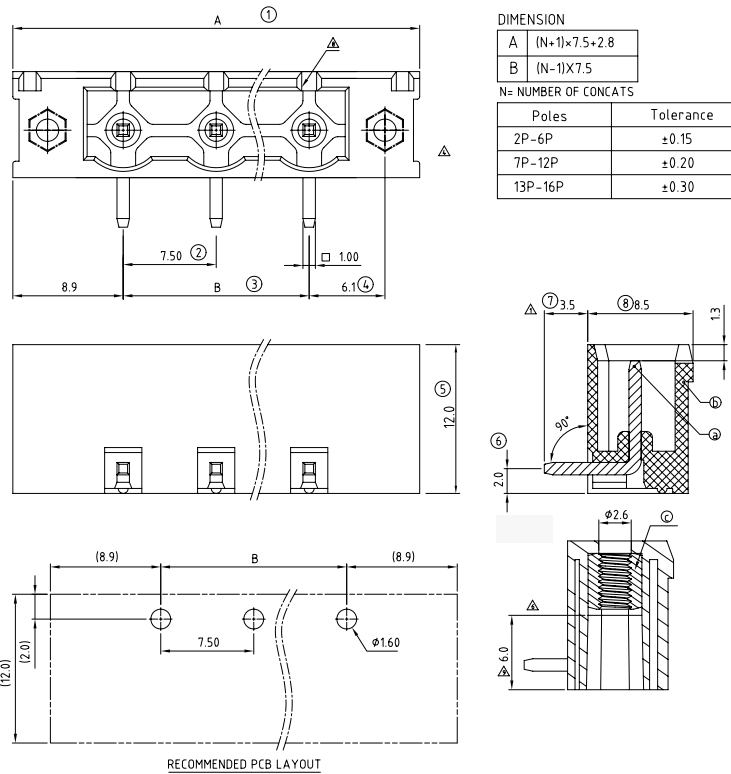
5.08mm pitch Vertical Open



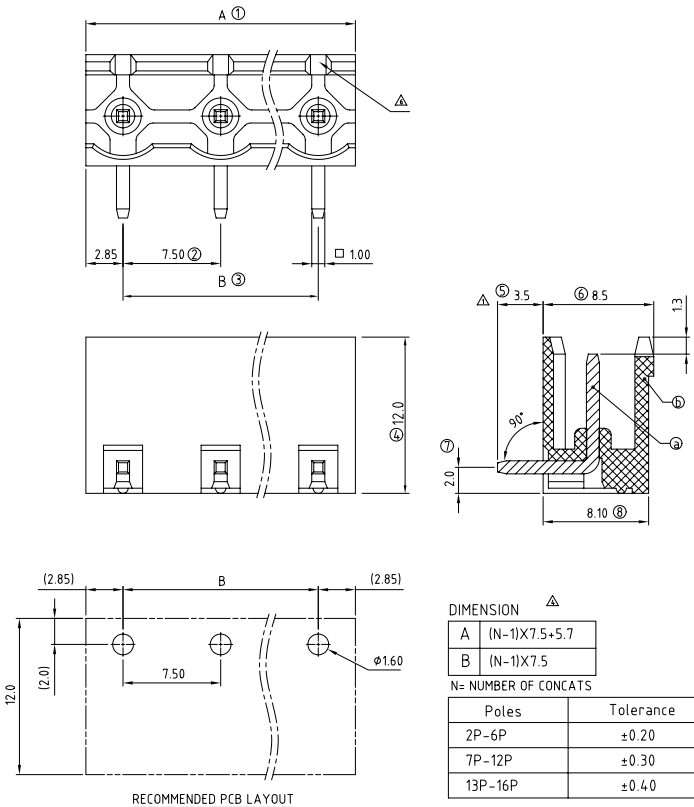
7.5mm pitch Horizontal



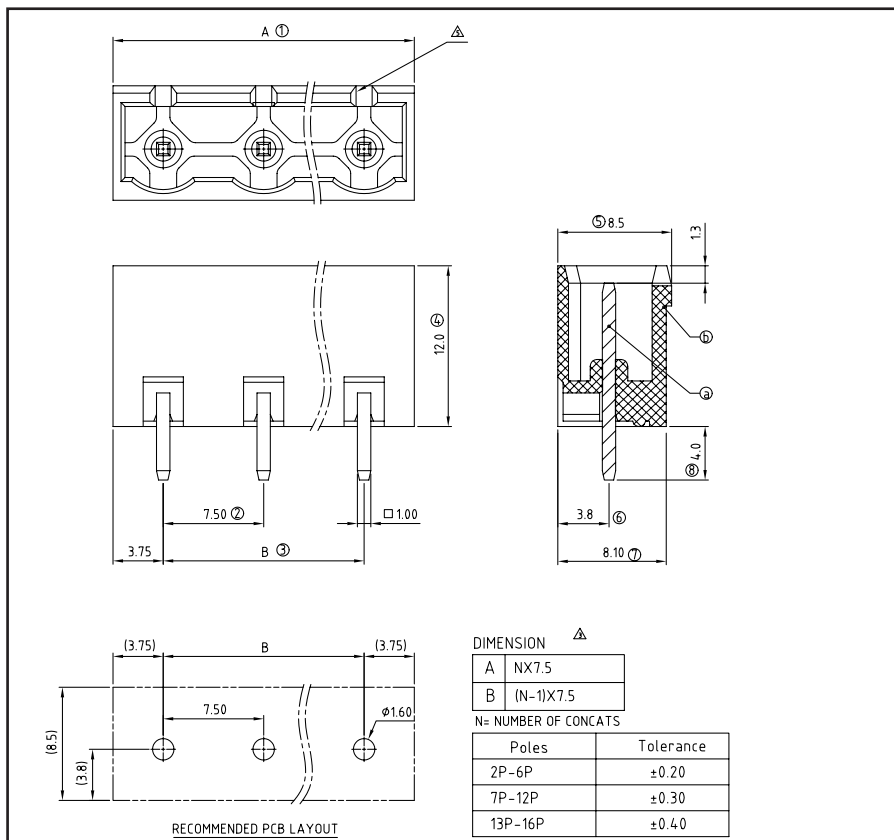
7.5mm pitch Horizontal with Flange



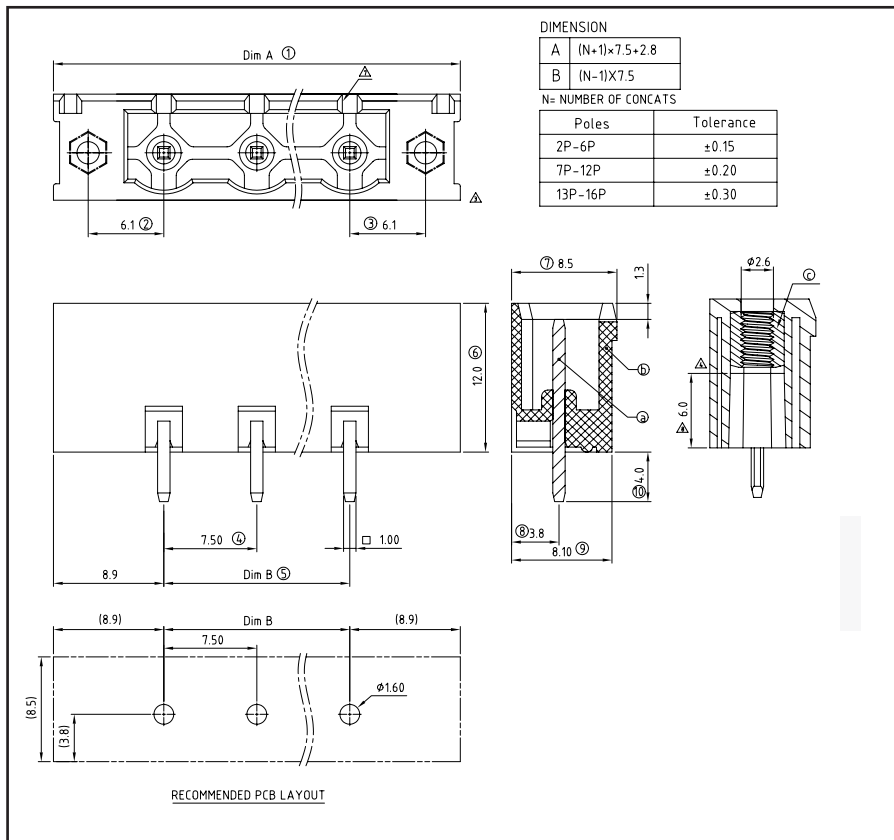
7.5mm pitch Horizontal Open



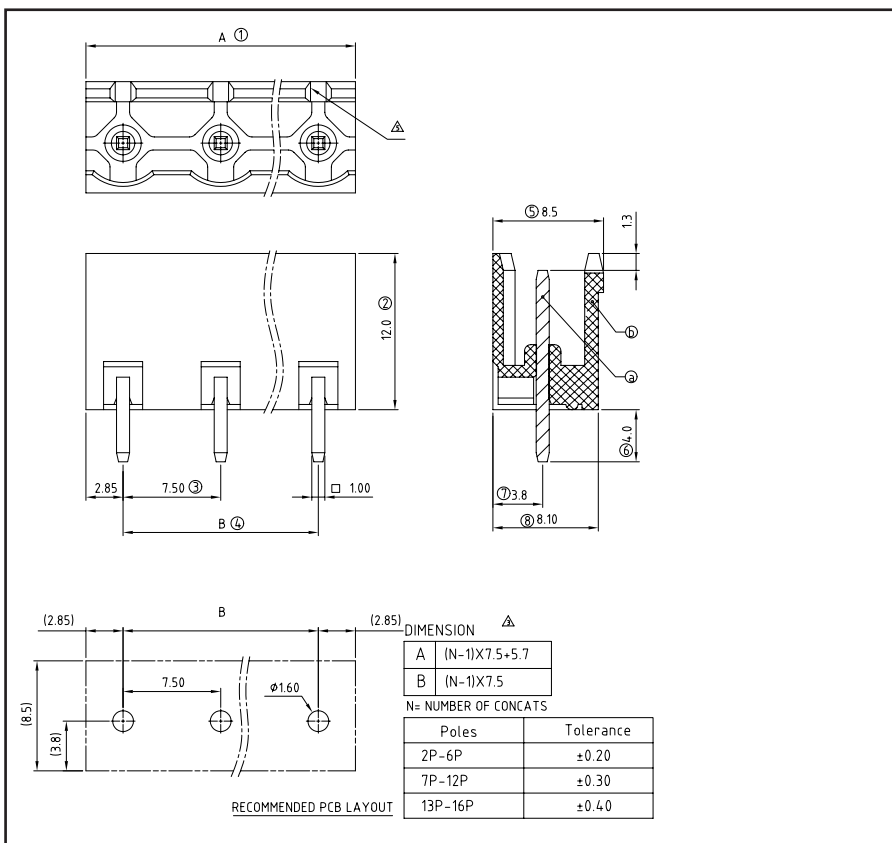
7.5mm pitch Vertical



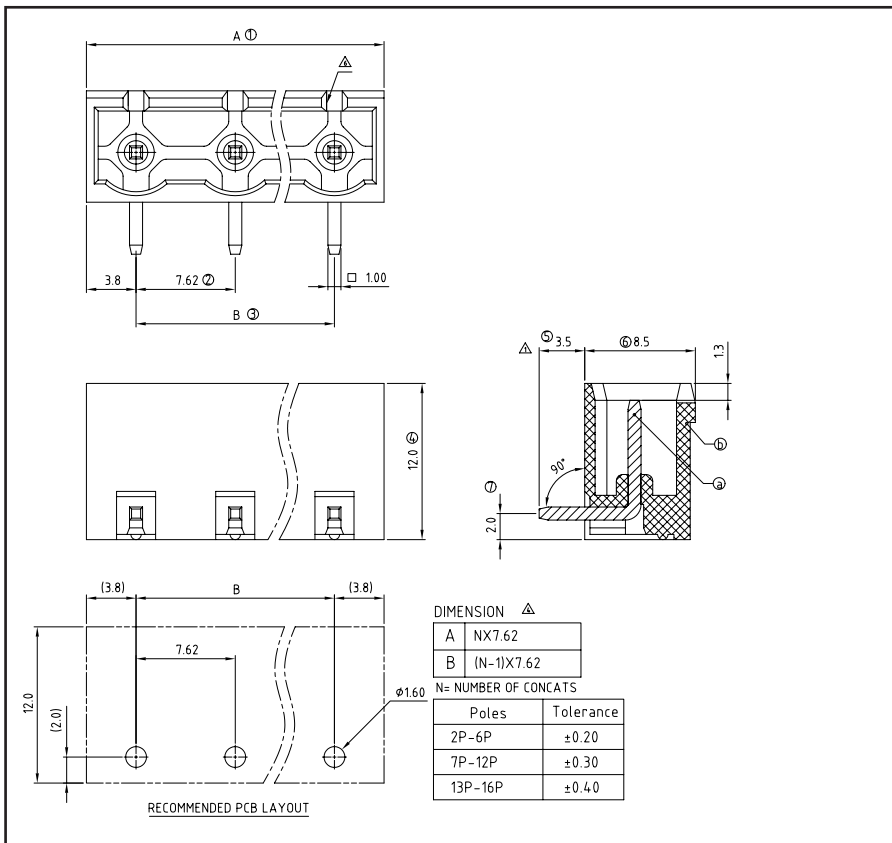
7.5mm pitch Vertical with Flange



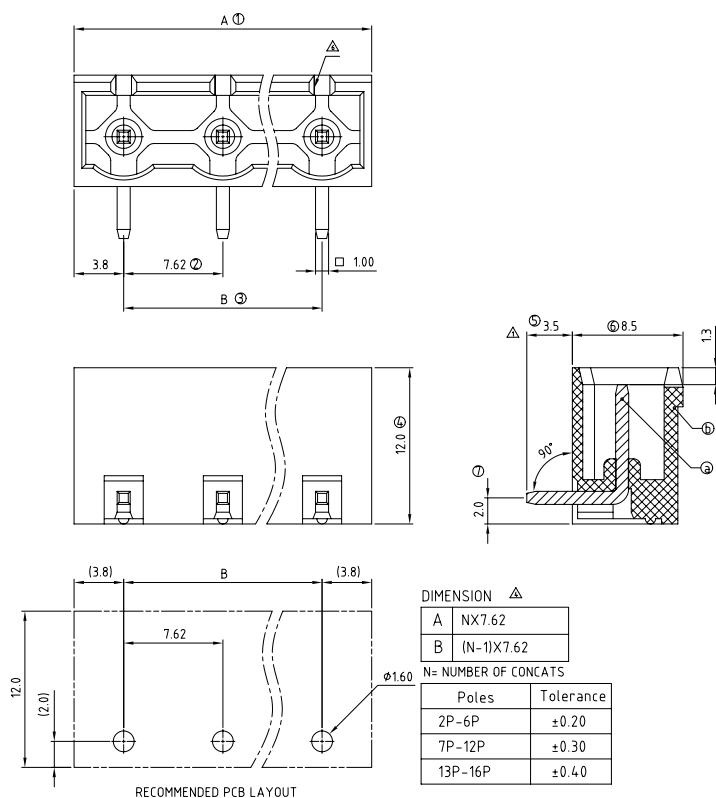
7.5mm pitch Vertical Open



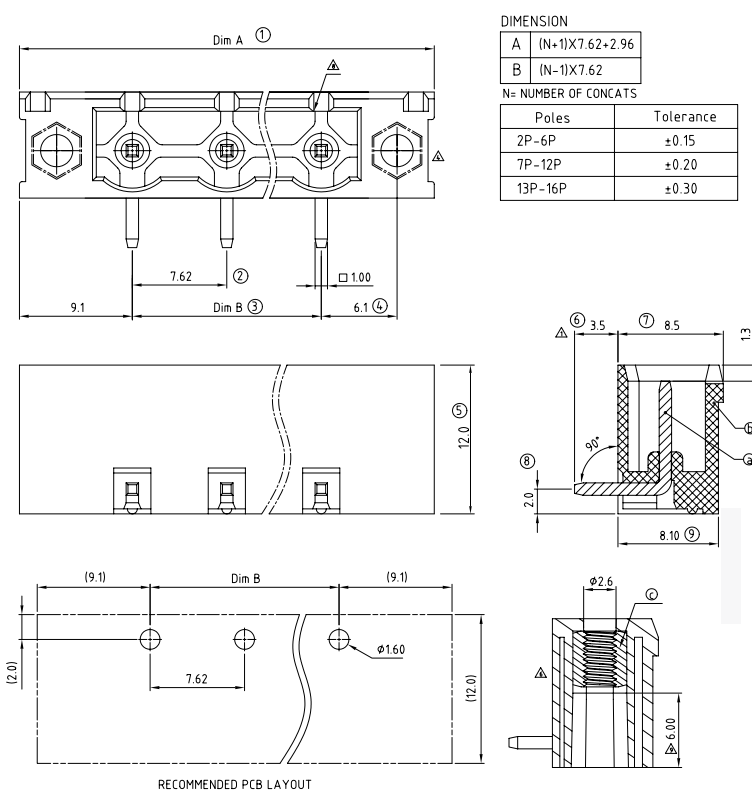
7.62mm pitch Horizontal



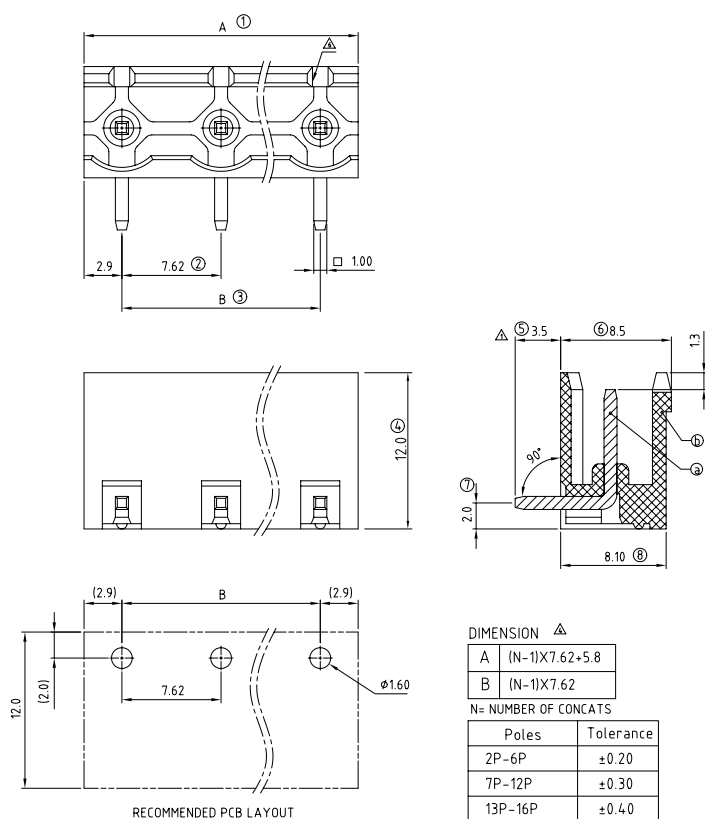
7.62mm pitch Horizontal



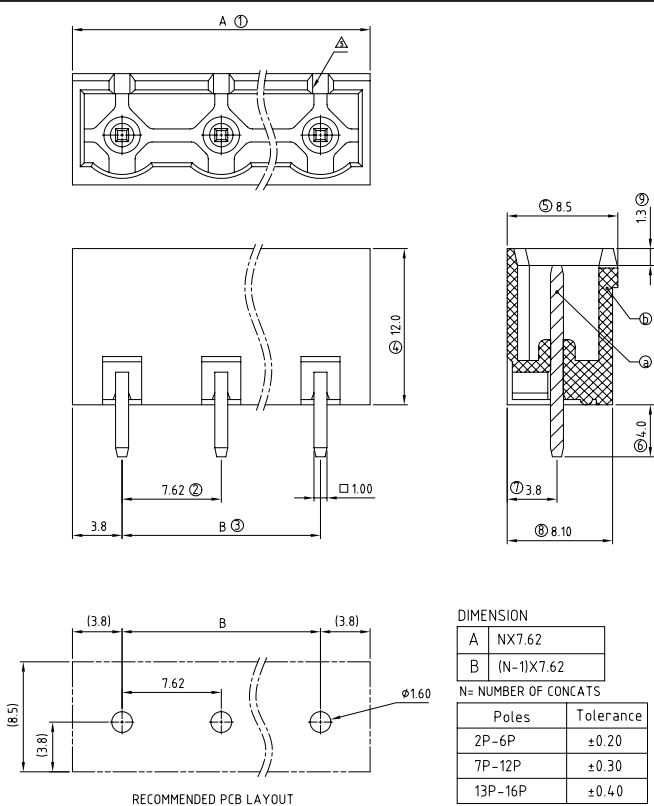
7.62mm pitch Horizontal with Flange



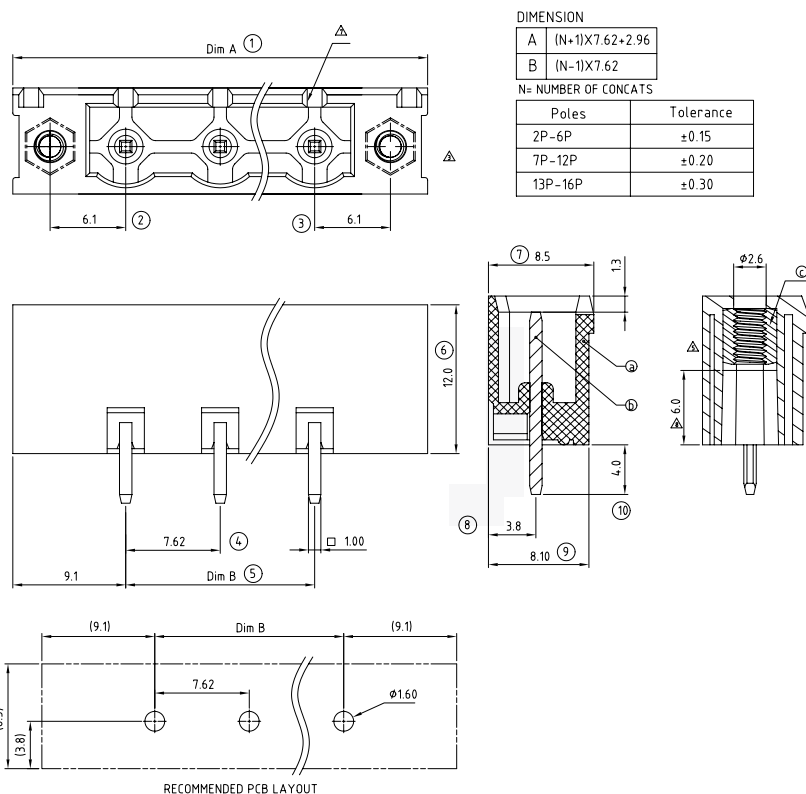
7.62mm pitch Horizontal Open



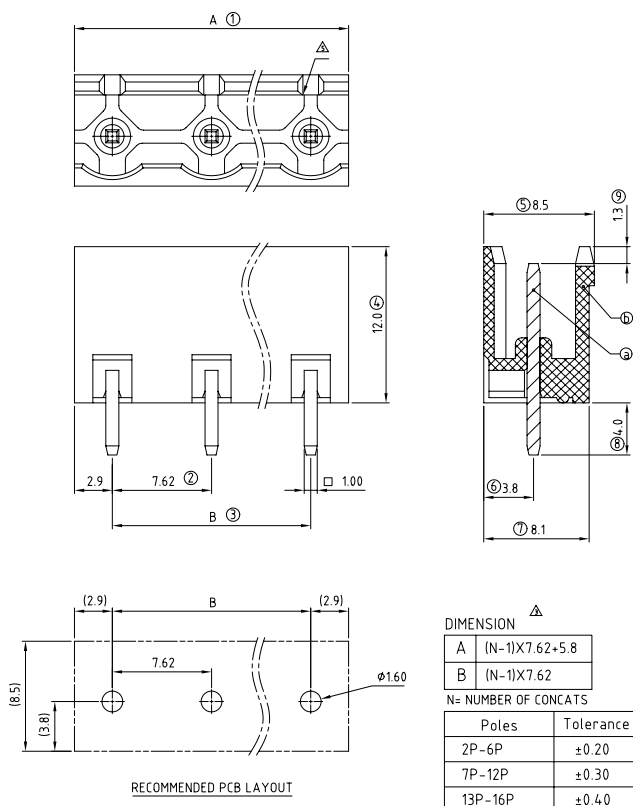
7.62mm pitch Vertical



7.62mm pitch Vertical with Flange



7.62mm pitch Vertical Open



ORDERING CODES

HMSA	XX	X	X	X	X
02 2 Contacts 03 3 Contacts 24 24 Contacts	0 Vertical 9 Horizontal	A Open (5.00mm - 7.62mm pitch) P Closed V With Flange (3.5 - 7.62mm pitch)	A 2.5mm 8 3.5mm T 3.81mm 1 5.00mm 5 5.08mm 7 7.62mm	N Black V Green (RAL6018/T) B Blue G Grey	

Example: HMSA - 020PTV = 2 Pole HMSA Male Socket, Closed, 3.81mm Pitch, Green.