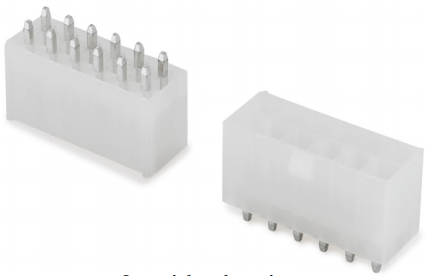
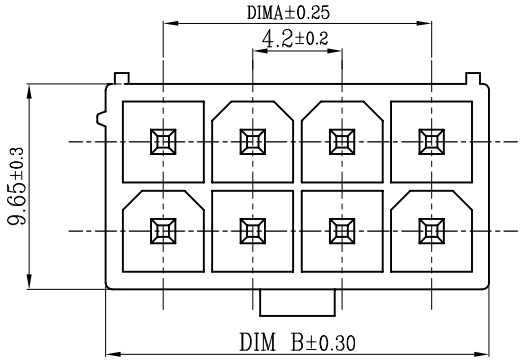
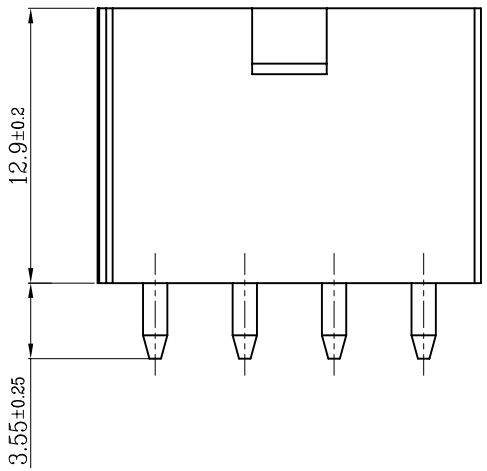
REV. LTR.	DESCRIPTION	APPROVAL	DATE
A2	Update drawing	W.Q.LI	2024.08.08

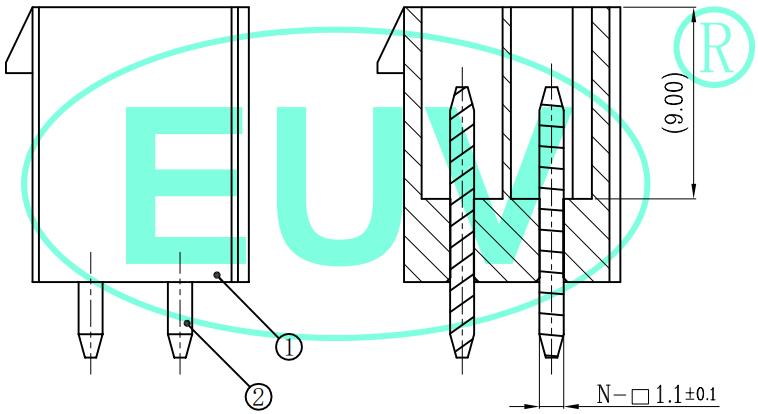
Specifications:
1. Voltage rating:250V AC/DC.
2. Current rating:5.0A AC/DC.
3. Withstanding voltage:1500V AC/minute.
4. Ambient temperature range:-25～+85℃.
5. Insulation resistance:≧1000MΩ.
6. Contact resistance:≦.20mΩ.
7. Applicable wire Sizes:AWG#18～#28.
8. Housing①:PA66 UL94V-0/Natural.
9. Upper terminal②:Brass/Tin Plating.



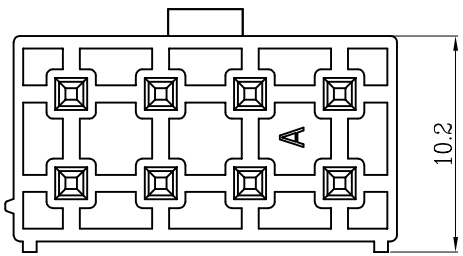
Outside drawing

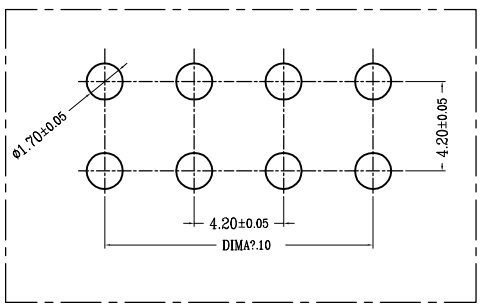






SECTION A-A
SCALE 1:1





Recommended P.C.B Layout
General Tolerance±0.05

Product material No:
EN420MSLC-**-* * *-*

NO OF Poles

Terminal Plating
B=Bright-Tin
M=Mist-Tin
G=Gold flash

Plastic Material
P=PA66
T=PA9T
L=LCP

Packing
T=Tube
B=Bag
R=Tape&Reel

Plastic Color
Y=Faint Yellow
R=Red
B=Black
W=White

Pin number:

Poles	DIM A	DIM B	Poles	DIM A	DIM B
2X1P		5.40	2X8P	29.40	34.80
2X2P	4.20	9.60	2X9P	33.60	39.00
2X3P	8.40	13.80	2X10P	37.80	43.20
2X4P	12.60	18.00	2X11P	42.00	47.40
2X5P	16.80	22.20	2X12P	46.20	51.60
2X6P	21.00	26.40			
2X7P	25.20	30.60			

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30～Above ±0.30	ANGLE:∠±1°				
10～30 ±0.20	SCALE:1:1	TITLE	4.20mm Connectors (180° DIP)		
5～10 ±0.15	SHEET:1 OF 1	PART NO.	EN420MSLC-**-***-*		
0～5 ±0.10	PROJECT	APPROVAL	CHECK	DRAWN	DATE
TOLERANCESARE (UNIT:mm)	SIZE:A4	W.Q.LI	X.H.LIN	K.J.ZENG	2024.08.08