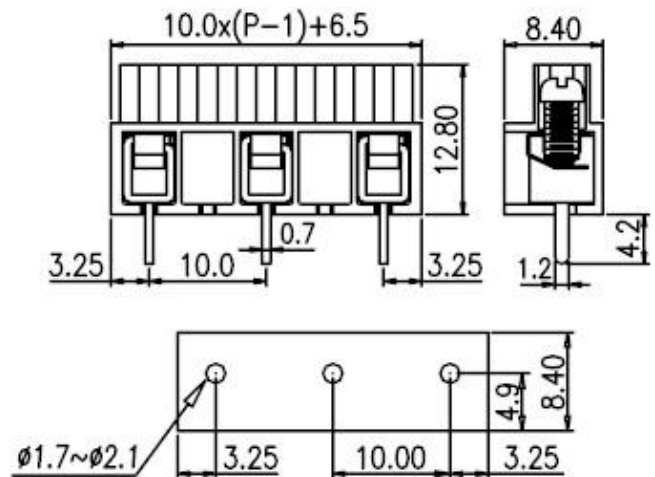




Wire protector type terminal blocks / 166 series

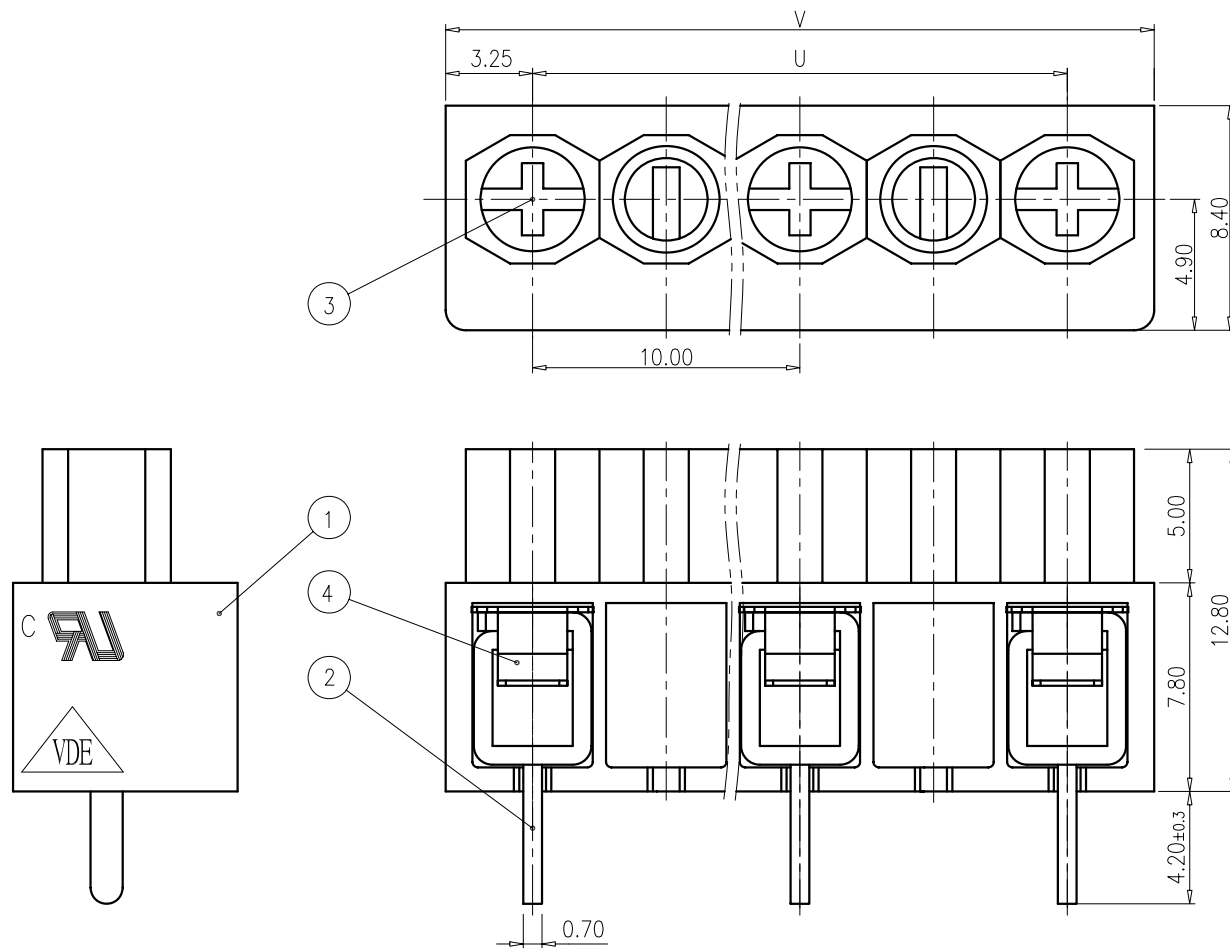


166-..P5



Pitch: 10.00mm

Approval	 	
Technical Data	UL	IEC
Rated voltage	300V / 600V	450V
Rated current	12A / 5A	24A
Conductor cross-section, solid (AWG/ mm ²)	18~12 / 0.5~2.5	
Conductor cross-section, flexible (AWG/ mm ²)	18~12 / 0.5~2.5	
Rated surge voltage (UL/IEC/Max.)	2.2 / 2.5 / 4 KV	
Torque (N-m)	0.34	
Screw	M3	
Wire strip length	6~7mm	
Pole	Cat. No.	
02	166-02P5	
:	:	
:	:	
12	166-12P5	



P	2	3	4	5	6	7	8	9	10	11	12	13	14	15
U	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	100.0	110.0	120.0	130.0	140.0
V	16.50	26.50	36.50	46.50	56.50	66.50	76.50	86.50	96.50	106.5	116.5	126.5	136.5	146.5

NOTES 2:
1.RoHS compliance

Normal Geometric Tolerancing				
—	//	≡	⊥	
0 to 100	0.2		0 to 10	0.2
over 100 to 150	0.3	0.3	over 10	0.3
over 150	0.5			
Total Pitch Tolerances		Normal dimension Tolerances		
0<U≤30	±0.20	0<U≤30	±0.25	
30<U≤53	±0.25	30<U≤53	±0.30	
53<U≤70	±0.30	53<U≤70	±0.35	
70<U≤90	±0.35	70<U≤90	±0.44	
90<U≤115	±0.44	90<U≤115	±0.55	
115<U≤150	±0.55	115<U≤150	±0.70	
150<U≤200	±0.70	150<U≤200	±0.85	
200<U≤250	±0.85	200<U≤250	±1.00	
250<U≤320	±1.00	250<U≤320	±1.20	

NOTES 1:

UL Standard :

- Rating: 300V 12A ,600V 12A
PITCH:10.00mm
- Insulation Withstands Voltage:
AC 2000V at 1 minute
- Using Temperature Range:
-40°C~+115°C
- Screw Torque Value: 0.34N•m
- Suitable Electric Wire: AWG 18~12

IEC Standard:

- Rating: 450V 24A
- Rate Impulse Voltage: 8000V
- Insulation Resistance:
500MΩ or more at DC500V
- Material Group: I
- Pollution Degree: 2
- Overvoltage Category: III
- Using Temperature Range:
-40°C~+11°C
- Screw Torque Value: 0.5N•m
- Suitable Electric Wire: 0.5~2.5mm²

4	CLAMP	STEEL	
3	SCREW	STEEL	M3/Zn Plated
2	SOLDER PIN	COPPER ALLOY	Tin Plated
1	HOUSING	PA	UL94-V0 GREEN
ITEM	NAME OF PART	MATERIAL	NOTES

DWG.	Y.PH	DATE	2015.01.23	UNITS	mm	SHEET/OF	1/1
CHK.		DATE		SCALE	5:1 (:)		
APP.		DATE					
				NAME	166-2401-XXP5		
				DWG NO.	SP-03-166P2401		

REV.	CONTENT	CHK.	DATE
1			



DINKLE
ENTERPRISE CO.,LTD