



**P.C.B. LAYOUT (S=4:1)**

NOTES:

1. Rating: 300V 20A FW2  
300V 25A FW1  
(IEC 450V 24A)
- PITCH: 5.00mm
2. Insulation Withstands Voltage:  
AC 2000V at 1 minute
3. Insulation Resistance:  
500MΩ or more at DC500V
4. Using Temperature Range:  
-40°C~+105°C
5. Screw Torque Value: 0.45N·m
6. Suitable Electric Wire:  
AWG 24~12  
(IEC 0.5~2.5mm<sup>2</sup>)
7. RoHS Compliance

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

P	2	3	4	5	6	7	8	9	10	11	12	13
U	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00	55.00	60.00
V	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00	55.00	60.00	65.00
P	14	15	16	17	18	19	20	21	22	23	24	
U	65.00	70.00	75.00	80.00	85.00	90.00	95.00	100.00	105.00	110.00	115.00	
V	70.00	75.00	80.00	85.00	90.00	95.00	100.00	105.00	110.00	115.00	120.00	

4	SOLDER PIN	COPPER ALLOY	Tin Plated
3	WIRE CAGE	STEEL	Zn Plated
2	SCREW	STEEL	M2.5/Zn Plated
1	HOUSING	PA66	UL94-V0 GREEN
ITEM	NAME OF PART	MATERIAL	NOTES

DWG.	HQY	DATE	14.02.13	UNITS	MM	SHEET/OF	1 / 1
CHK.		DATE		SCALE	4:1 ( : )		
APP.		DATE		NAME		EHK5V-XXP	
				DINKLE ENTERPRISE CO., LTD		DWG NO. SP-03-EHK5V000	

REV.	CONTENT	CHK.	DATE
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