

NOTES:

1. Rating: 300V 20A (IEC250V 24A)  
PITCH: 5mm
2. Insulation Withstands Voltage:  
AC 2000V at 1 minute
3. Insulation Resistance:  
500M Ω or more at DC500V
4. Using Temperature Range:  
-40°C~+105°C
5. Suitable Electric Wire:  
24~12AWG(IEC 0.5~2.5mm<sup>2</sup>)
6. Torque Value: 0.5 N·m
7. RoHS compliance

Normal Geometric Tolerancing			
-	//	≡	⊥
0 to 100	0.2	0.3	0 to 10
over 100 to 150	0.3		over 10
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

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	25
U	65.00	70.00	75.00	80.00	85.00	90.00	95.00	100.00	105.0	110.00	115.00	120.00
V	70.00	75.00	80.00	85.00	90.00	95.00	100.00	105.0	110.00	115.00	120.00	125.00

ITEM	NAME OF PART	MATERIAL	NOTES
4	SCREW	STEEL	Zn Plated
3	WIRE CAGE	STEEL	Zn Plated
2	SOLDER POST	COPPER ALLOY	Tin Plated
1	HOUSING	PA66	UL94-V0 BLACK

RoHS Compliant

TOLERANCES ARE

**MORETHANALL**  
PCB CONNECTORS  
Cable ASSEMBLIES

DRAWING BY CY

CHECKED BY GENIUS

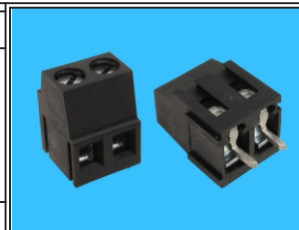
UNIT / mm SCALE 1 : 1

DATE

SIZE A4

X, ±  
.X ±  
.XX ±  
.XXX ±  
ANG ±

P PROJECTION



ORDER INFORMATION

TBH050-D13BK-xx-LF

SERIES | | LEADFREE  
| | 02-25WAY  
| | BLACK  
| | HIGH 13.80mm  
| | DIP 180°

DESCRIPTION:

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