



P	2	3	4	5	6	7
A	5.08	10.16	15.24	20.32	25.4	30.48
B	20.22	25.3	30.38	35.46	40.54	45.62
P	8	9	10	11	12	13
A	35.56	40.64	45.72	50.8	55.88	60.96
B	50.7	55.78	60.86	65.94	71.02	76.1
P	14	15	16	17	18	19
A	66.04	71.12	76.2	81.28	86.36	91.44
B	81.18	86.26	91.34	96.42	101.5	106.58
P	20	21	22	23	24	
A	96.52	101.6	106.68	111.76	116.84	
B	111.66	116.74	121.82	126.9	131.98	

3	SOLDER PIN	COPPER ALLOY	Tin Plated
2	NUT	STEEL	M2.5/ Zn Plated
1	HOUSING	High-temperature plastics	UL94-V0 BLACK
ITEM	NAME OF PART	MATERIAL	NOTES

RoHS Compliant

TOLERANCES ARE

**MORETHANALL**  
PCB CONNECTORS  
Cable ASSEMBLIES

DRAWING BY CY

X. ±

CHECKED BY GENIUS

.X ±

UNIT / mm

SCALE 1:1

.XX ±

DATE

.XXX ±

ANG ±

照片框

煜倫股份有限公司

www.morethanall.com

SIZE A4

PJECTION

ORDER INFORMATION

TBH051-PDBFEBK-xx-LF

SERIES LEADFREE  
02-24WAY  
BLACK  
EAR FLANGE  
BOX

DESCRIPTION:

**一般資訊 / General Information**

标题产品分类长叙述/Long description	
产品类型/Category	PCB Connector - Socket
间距/ Pitch (mm)	5.08
产品标准颜色/ Color	BLACK
固定方式/ Type of locking	With threaded flange
焊接方式/Soldering Method	Reflow soldering(245°C)
产品长度/ Length (mm)	5.08* (P+1) +4.98
产品宽度/ Width (mm)	8.32
产品高度/ Height (mm)	12
引脚尺寸(厚度___ x 宽度___)/ Pin dimensions(mm)	1.0*1.0
焊孔直径/ PCB hole diameter(mm)	1.6
产品点数/Number of poles	2~24

**材料信息/ Material Information**

绝缘材料/ Insulating material	High-temperature plastics
绝缘材料组别 / Insulating material group	IIIa
阻燃等级,符合 UL94 / UL94 Flammability rating	V0
绝缘阻抗/ Insulation resistance	>500MΩ at DC 500v
导体材料/Contact material	COPPER ALLOY
导体表面镀层/Contact surface	Tin
湿度敏感等级/humidity sensitive grade	1

**IEC数据 / IEC Data**

额定电压 / Rated Voltage (V)	600
额定电流 / Rated Current (A)	18
额定电压 (II/2) / Rated Voltage (II/2) (V)	600
额定电压 (III/2) / Rated Voltage (III/2) (V)	320
额定电压 (III/3) / Rated Voltage (III/3) (V)	250
额定冲击电压(II/2) / Rated Impulse Voltage (II/2)(Kv)	4
额定冲击电压(III/2) / Rated Impulse Voltage (III/2)(Kv)	4
额定冲击电压(III/3) / Rated Impulse Voltage (III/3)(Kv)	4

法兰最大扭矩 /Flange Torque Max(N.m)	0.3
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**UL数据 / UL Data**

额定电压 (UL/CUL 标准组 B 组)/Rated Voltage (UL/CUL B Group) (V)	300
额定电流 (UL/CUL 标准组 B 组)/Rated Current (UL/CUL B Group) (A)	15
额定电压 (UL/CUL 标准组 D 组)/ Rated Voltage (UL/CUL D Group) (V)	300
额定电流 (UL/CUL 标准组 D 组)/Rated Current (UL/CUL D Group) (A)	10

**环境与安全/ Environmental and safety**

手指防护(YES or NO) / Finger protection	NO
最高工作温度 / Max. operating temperature(°C)	120
最低工作温度 / Min. operating temperature(°C)	-40

**配件/Accessories**

配件信息:	
防呆片 / Key Coding	EHDK1L

**产品认证/许可/ Approvals****UL Recognized **

额定电流 B 组/Rated Current (A)	15
额定电压 B 组/Rated Voltage (V)	300
额定电流 D 组/Rated Current (A)	10
额定电压 D 组/Rated Voltage (V)	300

**CUL Recognized **

额定电流 B 组/Rated Current (A)	15
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额定电压 B 组/Rated Voltage (V)	300
额定电流 D 组/Rated Current (A)	10
额定电压 D 组/Rated Voltage (V)	300

**VDE Approval** 

额定电流 / Rated Current (A)	18
额定电压 / Rated Voltage (V)	600