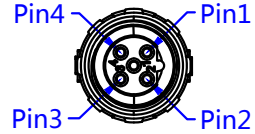


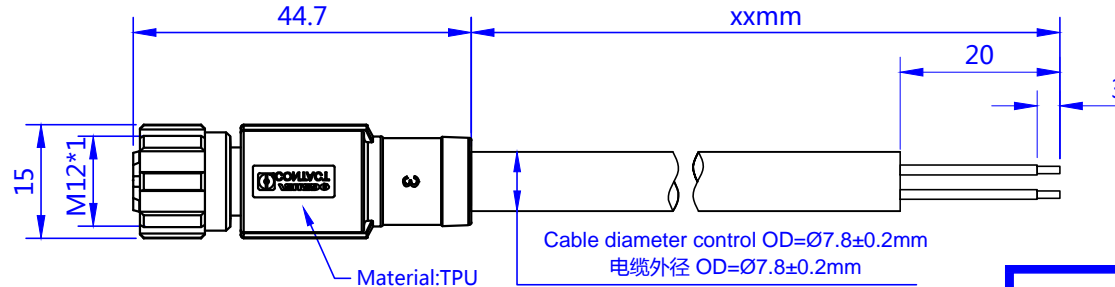
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M12P-BF05T-xxPBGD/VT  
M12预铸屏蔽B编码5孔直带xx米PB协议固定紫色线



"J1"

M12 5Pin Female B-Code  
Circular Connector

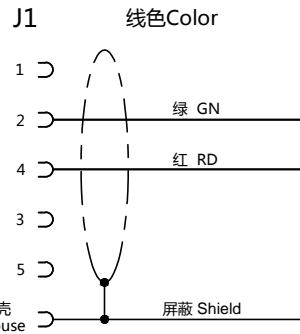


Material:TPU  
Color:BLK  
Forming method成型方式  
Moulded注塑成型

为乐电气(上海)有限公司

生效	2017.11.22	日期
受控文件		

Wiring circuit diagram  
接线定义



- NOTES:
- Cable assembly shall be teseted for continuity
  - Cable assembly shall be individually packaged in accordance with specification PSZ-0001.

Regulatory compliance:  
CE2011/65/EU(RoHs DIRECTIVE)

Cable parameters 电缆参数	
Outer jacket material 护套材质	PVC
Outer jacket color 护套颜色	Violet 紫色
Cable core number 芯数	2
Wire gauge 线芯规格	1*2*19AWG
Minimum bending radius 弯曲半径(固定stationary)	10xD
通讯类型	CAT5e
Temperature 工作温度(移动)	-5°C-+65°C
Temperature 工作温度(固定)	-20°C-+85°C

Electrical parameters 电气参数	
EMV compliance	Shieldable
Rated voltage 额定电压	60V
Volume resistivity 接触电阻	≤3mΩ
Rated current (40°C) 额定电流	4A
Degree of protection 防护等级	IP67
Pollution degree 环保等级	3
Overvoltage category 耐电压等级	II
Material group 绝缘等级	II

Mechanical parameters 机械参数	
Connector locking system 连接器锁紧系统	Bolted M12*1 M12*1螺纹连接
Tightening torque 拧紧力矩	0.6Nm
Number of holes 针脚数	5Pin
Material of contact 接触件材质	Cu+Zn(Alloy)
Contact plating 触点镀层	Au(gold)
Material of contact body 插针载体塑料件材质	PUGF
Mechanical operation 拔插寿命	> 100mating cycles
Termination 接线方式	Crimp 铆压接

[xx]=0-1000mm±15mm  
[xx]=1000-3000mm±20mm  
[xx]=3000-5000mm±30mm  
[xx]=5000-10000mm±50mm  
[xx]=≥10000mm±100mm

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES[mm] OVERALL CABLE LENGTH TOLERANCE: ≤12[305]=+1[25]/-0 >12[305]≤60[1524]=+2[51]/-0 >60[1524]≤120[3048]=+4[102]/-0 >120[3048]≤300[7620]=+6[152]/-0 >300[7620]=+5%/-0%	Approvals	Date	为乐电气(上海)有限公司 VELLE Electrical(Shanghai) Co.,Ltd.			
	Drawn by Wenzhi.Shi	10/31/17				Category
ALL OTHER DIMENSIONAL TOLERANCES: X=±2[5.08] .XX=±0.02[0.51] XXX=±0.005[0.13]	Configuration details of undimensioned features may vary		Production Description M12P-BF05T-xxPBGD/VT			
PROJECTION: 	Color variations may occur		Size A4	PART NO.	Dwg NO.	REV. 1
			Scale : NONE	Dwg File:	Sheet 1 Of 1	