

REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图
A2	版面更新	2022-11-30	Pd04

### 1) Product main performance/产品主要性能指标:

Operating Temperature/工作温度:  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$   
Humidity(max)/最大潮湿:  $\leq 95\%$  [at 60 deg C / 140 F]  
Shielding /屏蔽性能: 75dB(10MHz) 40dB(1GHz)  
Salt Spray Corrosion/盐雾: 96hr  
P op (max)/最大环境压力: 60 bar (870 psi)  
Insert Configuration/针芯配置: 32Low Voltage  
Pin Size/接触件直径:  $\phi 0.5\text{mm}$   
R (Max)/接触电阻:  $\leq 60\text{m}\Omega$  (不含导线)  
Insulation resistance/绝缘电阻: 5000M $\Omega$   
Withstand voltage/耐电压: 250V  
Rated Current/额定电流: 1.0A  
Cable/配接电缆:  $0.09\text{mm}^2$  /AWG28

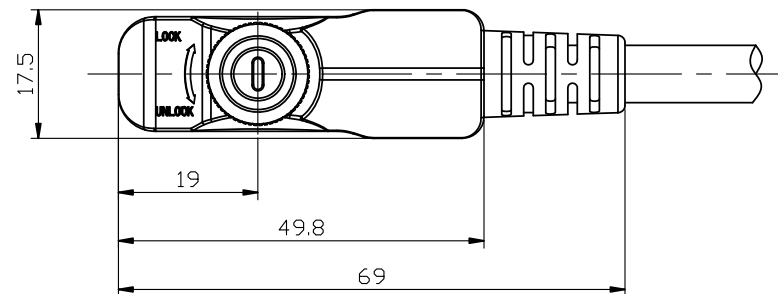
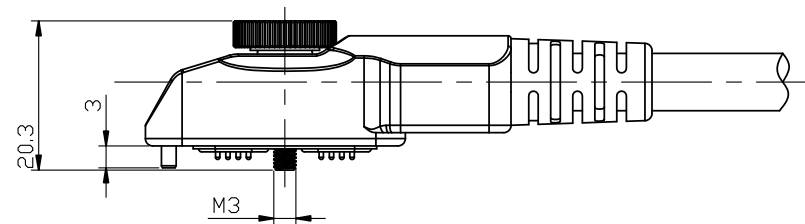
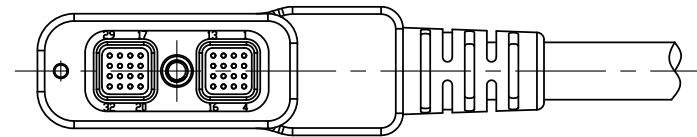
### 2) Mechanical data/机械特性:


Vibration/振动: 15g[10Hz~2000Hz]  
Shock Resistance/冲击: 50g[6ms]  
Endurance (Shell)/机械寿命: 1000次

### 3) Other Specification/其它规格:

Contact PIN/接触件: Gold plated Tin bronze/锡青铜镀金  
Housing Material/外壳材质: Dark nickel plated aluminium/铝合金镀哑镍  
Other metal spare parts/其余金属件: Nickel plated brass/铜镀镍  
Insulator material/绝缘材料: PPS  
IP Rating/防护等级: IP67 (插合状态)

\*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求



TOLERANCES UNLESS OTHERWISE SPECIFIED: 未标注尺寸公差: $\pm 0.1$ 未标注角度公差: $\pm 0.5^{\circ}$	THIRD ANGLE PROJECTION	Product name/产品名称	
	SIZE: A4	UNITS: mm	TJ 32芯焊接插头
	SCALE: 1: 1	SHEET: 1 OF 1	
DRAWN BY: 绘图: Pd04	DATE/日期: 2022-11-30	QM NO 料号 TJ33C-32cTQ-500	REV/ 版本
CHECKED BY: 审核: Pd02	DATE/日期: 2022-11-30	DRAWING NO 图号	A2
APPROVED BY: 核准: Pd02	DATE/日期: 2022-11-30	CUSTOMER NO 客户料号	
		 QM (Quanma) Connector Shenzhen Co. LTD 深圳市全马连接器有限公司	