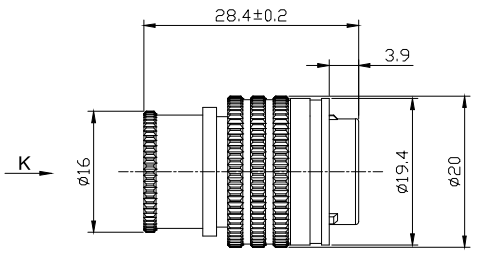
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图

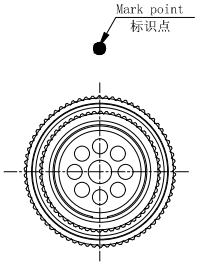
1.Product main performance/产品主要性能指标:
Operating Temperature/工作温度 : -55℃～125℃
Humidity(max)/最大潮湿 : <=95% [at 60 deg C / 140 F]
Shielding /屏蔽性能 : 75dB(10MHz) 40dB(1GHz)
Salt Spray Corrosion/盐 雾 : 96hr
P op (max)/最大环境压力 : 60 bar (870 psi)

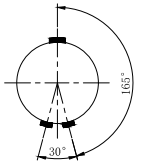
Mechanical data/机械特性:
Vibration/振 动 : 15g[10Hz～2000Hz]
Shock Resistance/冲 击 : 300g[3ms]
Endurance (Shell)/机械寿命 : 2000次

2.电气性能
Insert Configuration/针芯配置:3M.309 9Low Voltage
Pin Size/接触件直径:∅2.0mm/1.3mm
Contact resistance接触电阻:≤3.5mΩ/5mΩ
Insulation resistance/绝缘电阻:5000MΩ(测试电压500V(DC))
Withstand voltage/耐电压:750V(AC)
Rated working current额定工作电流:15.0A/16.0A

Other Specification/其它规格:
Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金
Housing Material/外壳材质 : Gun color plated aluminium /铝合金镀枪色
Other metal spare parts/其余金属件 : Nickel plated brass/铜镀镍
Glue filling type/灌胶类型: White silica gel/白色硅胶
Insulator material/绝缘材料: PPS
IP Rating/防护等级 :IP68(头座配合)
*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.







Plug front view
插头前视图

view K
K向孔位排列

DRAWN BY: 绘图:PD03 2024.05.28 CHECKED BY: 审核:ZO1 2024.05.28 APPROVED BY: 核准:PD05 2024.05.28	MEIYILIAN 美易连	美易连电子科技（深圳）有限公司 Meiyilian electronic technology(shenzhen)Co.,Ltd.		
GENERAL TOLERANCE (UNLESS SPECIFIED) ≤10 ±0.1 〈10~≤20 ±0.15 〈20~≤50 ±0.3 Angle ±1°	FIRST ANGLE PROJECTION	单位 UNIT: mm 比例 SCALE: 1:1 SIZE: A4 REV/版本 A1 SHEET:1 OF 1	名称 PART NAME	TGA-3M直式插头 TGA-3M Straight Plug
			型号 PART NAME	TGA.3M.309.XLA

https://www.mylconnector.com/
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