



YM-20-C03PE-01-001
公头 Male plug



YM-20-J03SX-01-001
母座 Female socket

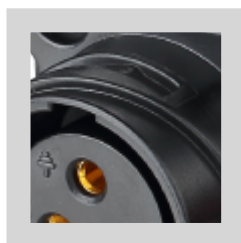
- 多款式的内芯设计（2-12芯），符合多样性的工业需求，信号及电源同时兼容匹配。
- PBT材质的保护外壳，具有良好的防火，抗压，抗爆，抗变形性能。
- 镀金触点，高强的耐腐蚀性及导电性，有效应对电流产生的温升变化。
- 1/4快速卡口连接，操作简单，安装方便。
- 无工作状态下防尘盖设计。
- 20A rms 的额定电流。
- 防护等级IP65/IP67。



- Multi-core design styles (2-12 cores), in line with the diversity of industrial demand, signal and power compatible match
- PBT material of the protective housing, with characters of fire safety, compression, anti-explosion and anti-deformation
- Gold-plated contacts, high-strength corrosion resistance and electrical conductivity, effective response to temperature changes in current
- 1/4 Quick bayonet coupling, simple operation, easy installation
- Dustproof cover design under off-working condition
- 20A rms current rating
- Protection level: IP65/IP67



插头锁紧标识
Symbol of locked plug



镀金铜针
gold plated copper pins

YM-20 系列产品规格参数表

YM-20 SERIES SPECIFICATIONS SHEET

芯数 PINS		2芯 2PINS	3芯 3PINS	4芯 4PINS
产品图 PICTURE	正装 Male plug & Female socket	 YM-20-C02PE-01-001 公头 male plug  YM-20-J02SX-01-001 母座 female socket	 YM-20-C03PE-01-001 公头 male plug  YM-20-J03SX-01-001 母座 female socket	 YM-20-C04PE-01-001 公头 male plug  YM-20-J04SX-01-001 母座 female socket
	反装 Female plug & Male socket	 YM-20-J02PE-01-001 母头 female plug  YM-20-C02SX-01-001 公座 male socket	 YM-20-J03PE-01-001 母头 female plug  YM-20-C03SX-01-001 公座 male socket	 YM-20-J04PE-01-001 母头 female plug  YM-20-C04SX-01-001 公座 male socket
排列图				
线材规格	Cable specification	2.5mm ² ~ 4mm ² / 14-12AWG		
线径范围	Diameter range	Φ8mm ~ Φ12mm		
接触件直径×数量	Contact diameter × number	Φ2.7×2	Φ2.7×3	Φ2.7×4
额定电流(A)	Rated Current (A)	20A		
工作电压(AC.V.RMS)	Operating voltage (AC.V.rms)	500V		
接触电阻	Contact resistance	<1mΩ		
温升	Temperature rise	20A时温升在30°C以下 (20A contact temperature below 30°C), 25A.....40°C↓, 30A.....50°C↓.		
耐电压(AC.V)1分钟	Withstanding Voltage (AC.V) 1 minute	2500V		
绝缘电阻	Insulation resistance	> 500MΩ		
防护等级	Protection level	IP65/IP67		
耐久次数	Durability	≥500次		
工作温度	Working temperature	-40°C ~ 80°C		
连接方式	Connecting mode	1/4快速卡口连接	1/4 bayonet connect	
接线方式	Assembly wire	焊接式	Solder	
材料				
外壳、绝缘部件	Housing, the insulating parts	高性能工程塑料	High-performance engineering plastics	
五金	Hardware	锌合金(珍珠硬铬)	Zinc Alloy (pearl hard chrome)	
铜针	Copper needles	铜镀银/铜合金(镀金4U)	Copper alloy (gold-plated 4U)	
防水圈	Waterproof circle	硅胶	Silica gel	
阻燃等级	Flammability rating	UL94-V0	UL94-V0	

5芯 5PINS	7芯 7PINS	9芯 9PINS	12芯 12PINS
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YM-20-C05PE-01-001
公头 male plug



YM-20-J05SX-01-001
母座 female socket



YM-20-J05PE-01-001
母头 female plug



YM-20-C05SX-01-001
公座 male socket



YM-20-C07PE-01-001
公头 male plug



YM-20-J07SX-01-001
母座 female socket



YM-20-J07PE-01-001
母头 female plug



YM-20-C07SX-01-001
公座 male socket



YM-20-C09PE-01-001
公头 male plug



YM-20-J09SX-01-001
母座 female socket



YM-20-J09PE-01-001
母头 female plug



YM-20-C09SX-01-001
公座 male socket



YM-20-C12PE-01-001
公头 male plug



YM-20-J12SX-01-001
母座 female socket



YM-20-J12PE-01-001
母头 female plug



YM-20-C12SX-01-001
公座 male socket



	1.0m ² ~ 1.5m ² / 18 ~ 16 AWG Φ7mm ~ Φ9mm		0.15m ² ~ 0.2m ² / 26-24 AWG Φ5.5mm ~ Φ7mm	
	Φ2.0×5	Φ2.0×7	Φ1.0×9	Φ1.0×12
	12A 500V <2.5mΩ		5A 400V <5mΩ	
	12A.....30°C↓, 15A.....40°C↓, 20A.....50°C↓.		/	
	2500V		1500V	
	> 500MΩ			
	P65/IP67			
	≥500次			
	-40°C ~ 80°C			
	1/4快速卡口连接		1/4 bayonet connect	
	焊接式		Solder	
	高性能工程塑料		High-performance engineering plastics	
	锌合金(珍珠硬铬)		Zinc Alloy (pearl hard chrome)	
	铜镀银/铜合金(镀金2U)		Copper alloy (gold-plated 2U)	
	硅胶		Silica gel	
	UL94-V0		UL94-V0	

型号标志代号 MODEL CODE



连接方式 CONNECTION SCHEMES



外形尺寸图 DIMENSION FIGURE

