

Main technical indicators(主要技术指标)

1.Mating (插拔次数)	5000
2.Working Temperature (温度)	-55~+150 °C
3.IP Rating (防护级别)	IP 54
4.Diameter of socket end(插合端直径)	φ0.9
5.Testing Voltage (测试电压)	1200V
6.Working Voltage (工作电压)	850V
7.Rated Current (额定电流)	8A
8.Shell material(壳体材质)	Brass (chromium plating) shell and chuck nut/(nickel plating) pin sleeve and middleware/黄铜(镀铬) 外壳和夹头螺母/(镀镍)插销套和中间件
9.Pin Material(插针材料)	Copper alloy gold plating(铜合金镀金)
10.Insulator material(绝缘体材质)	PPS

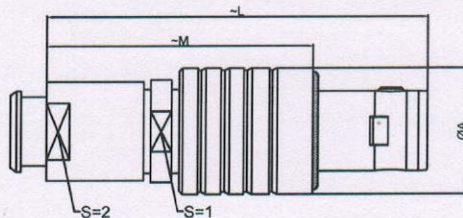
Sum up(总结)

Series(系列)	B
Shell style/model (外壳样式/型号)	TEG: Straight plug, cable collet, front seal and nut for fitting a bend relief (IP 54 when mated) 直塞、电缆夹头, 前密封件和用于安装弯曲凸起 (配对时IP54)
Button (按键)	A button(一个按键)
Termination type (终止类型)	Male solder(公焊锡)
Line diameter awg(线材直径)	28-20AWG
Cable diameterφ (电缆直径)	φ7.3-8.2MM
Matching parts(配件)	ZGG.3B.P16.CLL

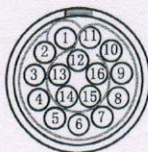
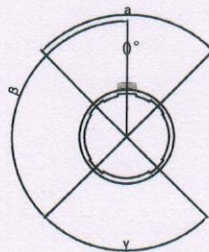
Location pin combination(定位销组合)

(编号) Number	Number of positioning pins(定 位销数量)	Angle(角度)	Series(系列)---3B
G	One(1)		(Zero degrees)0°
A	Two(2)	A	Thirty degrees(30°)
B	Two(2)		Forty-five degrees(45°)
C	Two(2)		Sixty degrees(60°)
D	Two(2)	Y	95 degrees (95°)
E	Two(2)	β	120 degrees(120°)
F	Two(2)		145 degrees(145°)
J	Two(2)	A	37.5degrees(37.5°)
K	Two(2)		52.5degrees(52.5°)
L	Two(2)	Y	Seventy degrees(70°)

	A	B	C√	ANGLE	
5-10	±0.02	±0.05	±0.1	0°-30°	±0.1
50-100	±0.1	±0.15	±0.2	61°-90°	±0.5
50-100	±0.15	±0.2	±0.25		
100-	±0.15%	±0.20%	±0.25%		



	A	L	M	S1	S2
MM	φ19	56.5	41.5	15.0	15
in	0.748	2.2244	1.6339	0.5906	0.5906

Welded surface
(焊接面)Positive view
(正视图)Solder core
(焊接型胶芯)

TE G. 3B. P16.C L A D 82 H

Model(型号)

Positioning pin(定位销)

Series(系列)

Needle core configuration(针芯配置)

Outer casing(外壳)

Insulator(绝缘体)

Needle core(针芯)

Type of clamp(线夹类型)

Cable diameter(电缆直径)

SH means a sheath type, not a cover type.

(H表示护套型, 不表示为不带护套型)

DESIGNED(设计)		DATE(日期)	SCALE(比例)	N/A(不适用)	MODEL TYPE 型号类型: TEG.3B.P16.CLAD.82H
CHECKED(校对)		DATE(日期)	VIEW(视图)		PART NO. 3B16-core plug 名称: 3B16芯插头
APPROVED(审核)		DATE(日期)	UNIT(单位)	MM	DWG NO.:
REVISIONS			MATERIAL (材料)		WEIGHT(重量) SHEET(表) REVISION(修订)
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