

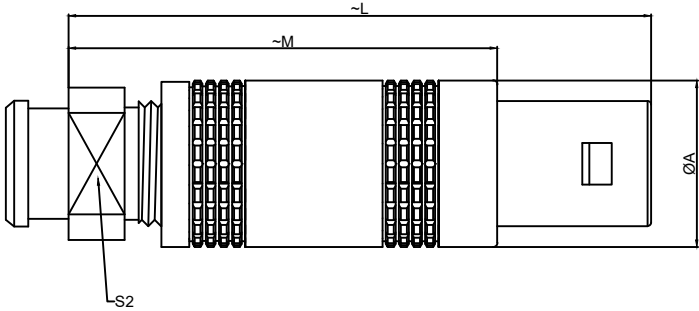
1.View and size(视图及尺寸)

| Main technical indicators(主要技术指标) | |
|-----------------------------------|--|
| 1.Mating (插拔次数) | 5000 |
| 2.Working Temperature (温度) | -55~+150 ℃ |
| 3.IP Rating (防护级别) | IP 50 |
| 4.Diameter of socket end(插合端直径) | ø1.6MM |
| 5.Vtest (AC) /测试电压(交流) | 1700V |
| 6.Vtest (DC) /测试电压(直流) | 2400V |
| 7.Rated Current (额定电流) | 20A |
| 8.Shell material(壳体材质) | Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces /黄铜（镀铬）外壳和夹头螺母，镀镍黄铜锁套和中间件 |
| 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 |

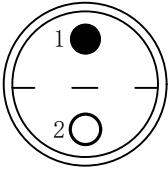
| Sum up(总结) | |
|----------------------------|---|
| Series(系列) | S |
| Shell style/model（外壳样式/型号） | TFA:Straight plug, cable collet/直插式，电缆线夹 |
| Button（按键） | Hermaphroditic keying (half moon insert) with male pin 1/带公销1的公母键控（半月形插入） |
| Termination type（终止类型） | Male solder(公焊锡) |
| Line diameter awg(线材直径) | 24AWG-16AWG |
| Cable diameterø（电缆直径） | ø2.3-3.2MM |
| Matching parts(配套零件) | ZRA.2S.P02.CLL |

| Sum up(总结) | |
|---------------------------|--|
| Humidity (max)/湿度最大 | <=95% [at 60 deg C /140 F] /<=95%[在60摄氏度/140摄氏度时] |
| Vibration/震动 | 15g [10 Hz - 2000 Hz] |
| Shock Resistance/抗冲击性 | 100 g [6 ms] |
| Climatical Category /气候类别 | 50/175/21 |
| Salt Spray Corrosion/盐雾测试 | >48 hr />48小时 |

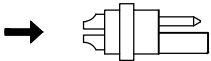
| | A | B | C√ | ANGLE | |
|--------|--------|--------|--------|---------|-------|
| 5-10 | ±0.02 | ±0.05 | ±0.1 | 0°-30° | ±0.1° |
| 50-100 | ±0.1 | ±0.15 | ±0.2 | 61°-90° | ±0.5° |
| 50-100 | ±0.15 | ±0.2 | ±0.25 | | |
| 100- | ±0.15% | ±0.20% | ±0.25% | | |



| | A | L | M | S2 |
|----|------|------|------|------|
| MM | 14.8 | 52 | 40 | 12 |
| in | 0.58 | 2.05 | 1.57 | 0.47 |



Welded surface
(焊接面)



Solder core
(焊接型公胶芯)

TFA. 2S. P02.C L A C 32 H

Model(型号)

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(比额) | N/A(不适用) | MODEL TYPE 型号类型: TFA.2S.P02.CLAC.32H |
| CHECKED(校对) | | DATE(日期) | | VIEW(视图) | | PART NO. 2S2-core plug 名称: 2S2芯插头 |
| APPROVED(审核) | | DATE(日期) | | UNIT(单位) | MM | DWG NO.: |
| REVISIONS | | | | MATERIAL (材料) | | |
| www.helloxkb.com www.helloxkb.cn | | | XKB INDUSTRIAL PRECISION CO.,LIMITED | | | WEIGHT(重量) SHEET(表) REVISION(修订) 1/1 A0 |