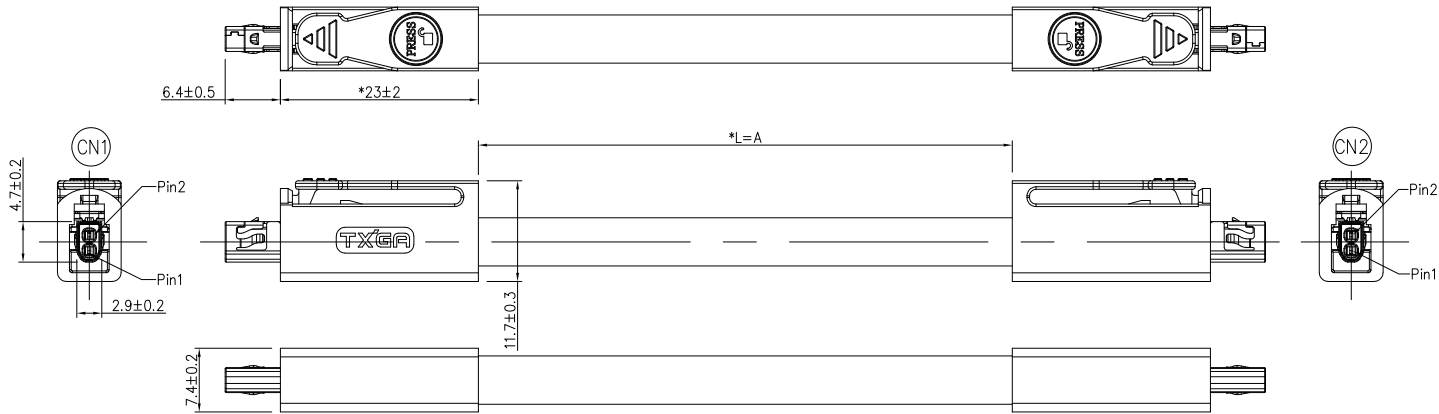


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
0		New Release	6/Dec/24	LAM	FRANK



Material
connector parts material
inner contact bronze
outer contact brass
Crimping ferrule brass
housing LCP
body PA+GF
Flame proofing
Component category
overmold material conforms to UL94V-0
housing material conforms to UL94V-0
Mechanical data
Mating cycles min.750
Engagement force ≤10N
Retention force ≤50N
Environmental data
Temperature range -40°C to +105°C
Thermal shock DIN EN 60068-2-14
Humidity DIN EN 60068-2-30@+40°C
Dry heat DIN EN60068-2-2@+85°C
Vibration IEC60512-test 6d
Mechanical shock DIN EN 60068-2-27
International protection code IP20
ROHS compliant
Standards
According the standard IEC63171-2
Power over Data Line(PoDL) acc.IEE 802.3bu

Ordering Information

FCSPE0501 - 02 7 16 S XXXXX 00
 1 2 3 4 5 6

1 Series Name - 2 Circuits - 3 Contact plating - 4 Contact plating thickness
 FCSPE0501 - 02-2 Circuits - 7-Gold on contact - 16-0.5µm
 Ni on tail

5 Shielded - 6 Cable length
 S-Shielded - xxxxx-(See table1)

WIRING CHART		
CN1	CN2	Colour
1	1	Blue
2	2	White
Shell	Shell	Braid

TABLE 1

CABLE LENGTH (XXX) L(M)	00050	01000	01500	02000	02500	03000
	0.5M	1M	1.5M	2M	2.5M	3M
	03500	04000	04500	05000	99900
	3.5M	4M	4.5M	5M	99.9M

Dimensions (mm)(See Table1)			
Length "A"	500 to 1000	1001 to 5000	5001 to 20000
Tolerance (mm)	±15	±20	±30

ELECTRICAL


1. SHORT-CIRCUIT AND CONTINUITY TEST AT:DC 300V/0.1S
2. Conduction Impedance: 2Ω (Max)
3. Insulation Resistance: 10MΩ(Min)

PACKING SPECIFICATION

- 1.1pcs/Bundle,1PCS/Bag
2. "*" as the key size control

NOTES

- 1.This product must meet UL486A-1991mechanical performance
- 2.This product must meet 2011/65/EU ROHS compliance

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DATE	APPROVE BY	PART NO.	ITEM NO.	 Building Technology Cornerstone
	X.±0.30	X.±5'	FRANK	6/Dec/24	FCSPE0501-02716SXXXXX00	FCSPE0501	
	DESIGN UNITS Metric		CHECKED BY	DATE	TITLE		
SCALE N.T	SIZE A4	X.XX±0.15	.XX±1'	CHERRY	6/Dec/24	SPE Standard 1P/22AWG double ended	
		X.XXX±0.10	.XXX±0.5'	DRAWN BY LAM	DATE 6/Dec/24	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S,Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

A
B
C
D
E
F

A
B
C
D
E
F

1 2 3 4 5 6 7 8