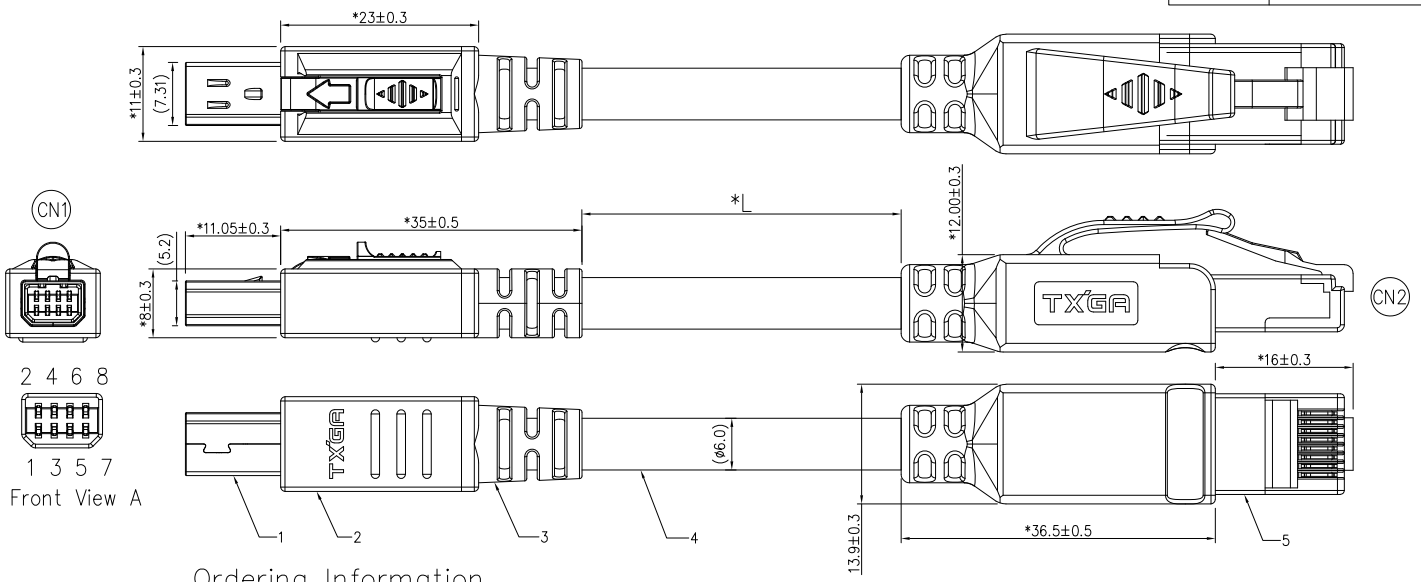
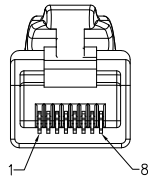
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
0		New Relase	21/Aug/25	LAM	FRANK



Note:
1. * important Dimension
2.This product must meet IEC 61076-3-122
3.This product must meet 2011/65/EU ROHS compliance.
4.Not note tolerances: 0.20
5.Rated voltage: 60V,Rated current 0.5A
6.Temperature range:
for continuous flexing: -25°C~+80°C
for stationary use: -25°C~+80°C
7.Data rate: 1000Mbit/S
8.Wire Size(mm2)/AWG: 0.14mm²/26AWG
9.Flame test: VW-1



Front View

Ordering Information

FCMNT 21 01 - 08 S 03 XXXXX 00

1	2	3		4	5	6	7

1 Series Name: FCMNT
2 Cable category: 21-U shape to RJ45
3 Distinction num: 01
4 Circuits: 08-8 Circuits
5 Shielded: S-Shielded
6 Data Rate: 03-1000Mbps
7 Cable length: XXXXX-(See table1)

TABLE 1

CABLE LENGTH (XXX) L(M)	00500	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

WIRING CHART		
CN1	CN2	Colour
1	1	WH/OG
2	2	OG
3	3	WH/GN
4	4	BU
5	5	WH/BU
6	6	GN
7	7	WH/BN
8	8	BN
shell	shell	Braid



Dimensions (mm)(See Table1)				
Length "A"	200 to 500	501 to 1000	1001 to 5000	5001 to 20000
Tolerance (mm)	±15	±30	±50	±100

* Note: All Materials Meet The "RoHs" !

NO.	SPECIFICATION	DESCRIPTION	NOTE
5	RJ45 Connector	MP28-701K	1PC
4	Cable	CAT5E SF/UTP jacket PVC OD6.0	Black
3	Overmold	PVC 30P Black	Black
2	Body	MINI IO U Body black	1PC
1	Mini IO Connector	MINI IO U Shape	1PC

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-1991mehanical performance
2.This product must meet 2011/65/EU ROHS compliance

THIRD ANGLE PROJECTION
DESIGN UNITS Metric
SCALE N.T | SIZE A4

GENERAL TOLERANCES (UNLESS SPECIFIED)	
X.±0.30	X.°±5°
X.X±0.20	.X°±2°
X.XX±0.15	.XX°±1°
X.XXX±0.10	.XXX°±0.5°

DATE	APPROVE BY	
FRANK	21/Aug/25	
CHECKED BY	DATE	
CHERRY	21/Aug/25	
DRAWN BY	DATE	
LAM	21/Aug/25	

PART NO. FCMNT2101-08S03XXXXX00
ITEM NO. FCMNT2101
TITLE: MINI IO U shape to RJ45,Cable with shield
TXGA Building Technology Cornerstone
REV 0 | SHEET NO. 1/1

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