

1

2

3

4

5

6

7

8

A

B

C

D

E

F

http://www.sz-signal.com

http://www.signal-connector.com

NOTICE:
RoHS

ALL PARTS MUST MEET TO RoHS REQUIREMENTS

CUSTOMER OUTLINE DRAWING

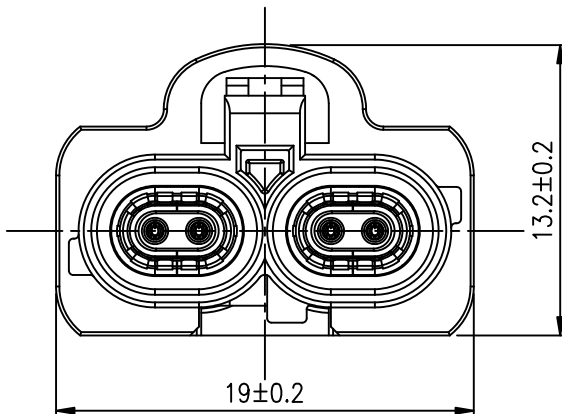
REV.
A0

DESCRIPTION
FIRST EDITION

ECN NO.
N/A

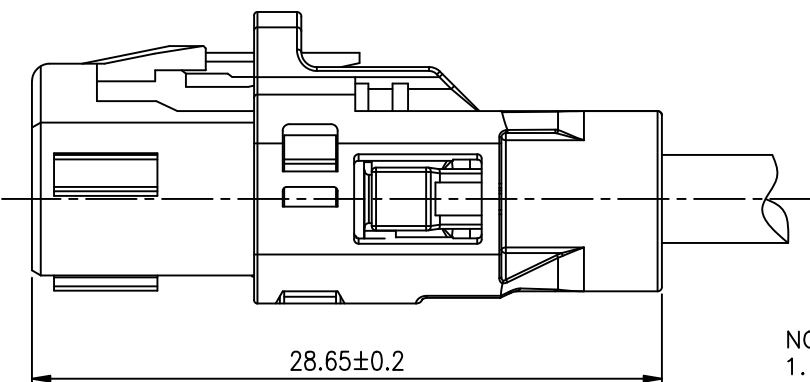
NAME
XU

DATE
2025/08/19

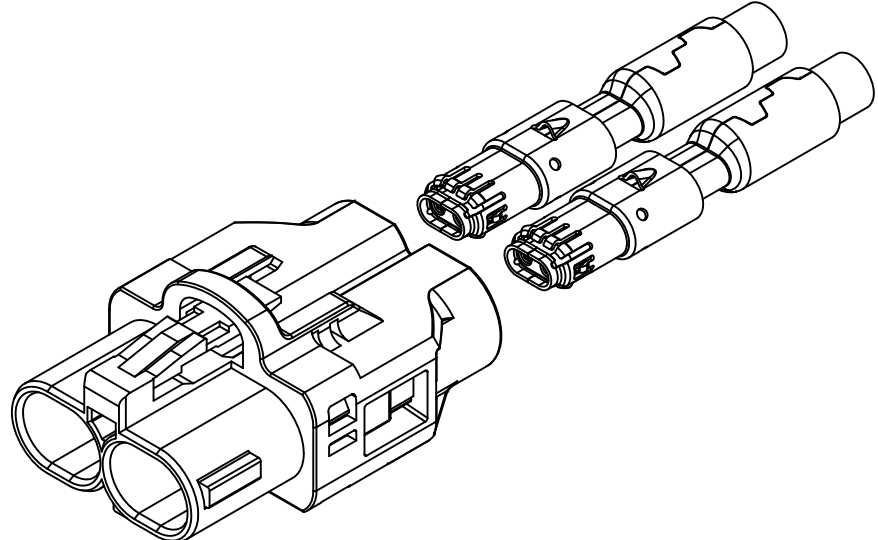


13.2±0.2

19±0.2



28.65±0.2



NOTES:
1. Material and plating: SEE TABLE
2. Electrical data:
2.1. Impedance: 100 Ω
2.2. Frequency: DC to 4 GHz
2.3. Return loss:
$$\geq \begin{pmatrix} 25 & 1 \leq f < 1500 \\ 25 - 16.6 \log_{10} \left(\frac{f}{1500} \right) & 1500 \leq f < 3000 \\ 20 & 3000 \leq f < 4000 \end{pmatrix} \text{ dB}$$

2.4. Insertion loss: ≤ 0.1 x f(GHz) dB
2.5. Insulation resistance: 100 MΩ MIN.
2.6. Center contact resistance: 10 mΩ MAX
2.7. Outer contact resistance: 7.5 mΩ MAX
2.8. Working voltage: 60 V rms
2.9. Power current: ≤ 1.5 A DC
3. Mechanical data:
3.1 Mating cycles: ≥ 25
3.2 Engagement force: ≤ 20 N
3.3 Retention force latch: ≥ 110 N
3.4 Coding efficiency: ≥ 150 N
4. Environmental data
4.1 Temperature range: -40°C TO +105°C

TABLE:

5	Crimp sleeve	Steel	N/A	2
4	Outer contact	COPPER ALLOY	TIN	2
3	Center contact	COPPER ALLOY	GOLD/TIN	4
2	Dielectric	PBT	N/A	2
1	Housing	PBT	SEE SHEET 2	1
ITEM	PART NAME	MATERIAL	PLATING/COLOR	Q'TY



APPROVED:
CHECKED:
CHECKED:
DRAWING:

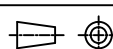
CUSTOMER P/N:
REV. :
SCALE:
DATE:

2025-08-19

TITLE:
Ethernet(R-ETH) Double,Straight Jack

DRAWING NO.
ORDER NO.
THIRD ANGLE PROJECTION

805040-00-010



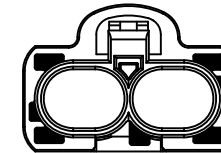
TOLERANCES ARE:
DECIMALES ANGLES
.x ±0.5 x.° ±5.0°
.xx ±0.3 x.° ±3.0°

UNITS: mm
SHEET: 1 OF 2

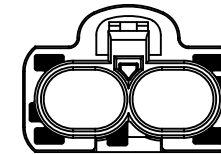
SIZE: A4

DATE _____

2025/08/09



CODE Z (neutral coding
for coding A – F)



CODE O (neutral coding
for coding A – F)

SIZE: A4