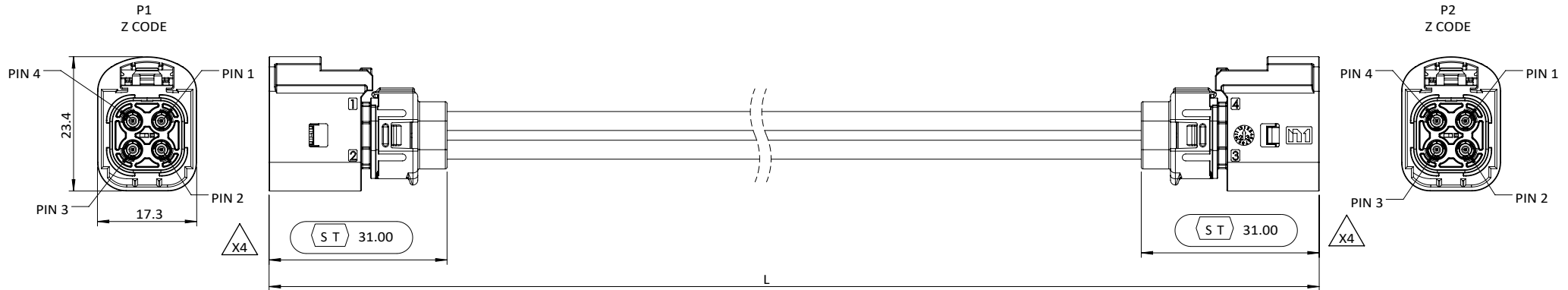


RoHS
compliant

PRELIMINARY



SPECIFICATION

ELECTRICAL:

1. FINISHED CABLE 100% CONDUCTIVITY TEST
2. CHARACTERISTIC IMPEDANCE: 50 Ω
3. INSULATION RESISTANCE: ≥ 100 MΩ

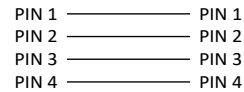
ENVIRONMENTAL:

1. TEMPERATURE RANGE: -40°C TO +105°C

MECHANICAL:

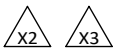
1. INSERTION FORCE: ≤ 30N
2. WITHDRAWAL FORCE: ≥ 5N
3. MATING CYCLES: 10 CYCLES
4. RETENTION FORCE LATCH: ≥ 110N
5. CODING EFFICIENCY: ≥ 130N
6. WATER PROOF(MATING):IP69K

WIRING DIAGRAM



LENGTH TOTAL TOLERANCE:

- 1M > L ±15mm
- 2M > L ≥ 1M ±30mm
- 5M > L ≥ 2M ±50mm
- 10M > L ≥ 5M ±100mm
- ≥ 10M ±150mm



2	MINI FAKRA B 2X2 JACK	THERMOPLASTIC UL94V-0, GOLD PLATING	2
1	CABLE	031 CABLE: 22 AWG COAXLAL+BRAID, OD:3.3mm, JACKET: PVC BLAC	A/R
ITEM	PART	DESCRIPTION	QTY
E2, E9	X4	ADD ST MARKING	08JAN2024
B1	X3	MODIFY CONTENT	07JUN2023
B1	X2	UPDATE	21MAR2023
ZONE	REVISION	DESCRIPTION	DATE

UNLESS OTHERWISE SPECIFIED TOLERANCE		SIP Crk Cpk	
ANG.	±5°		
0.	±0.50		
.0	±0.30		
.00	±0.20		
SCALE:	AS SHOWN	UNIT:	mm
DRAWN:	JASON_HUANG	21MAR2023	TITLE:
CHECKED:	JERRY_CHOU	09 Jan 2024	MINI FAKRA B 2X2 JACK CABLE (IP RATING)
APPROVED:	JERRY_CHOU	09 Jan 2024	PART NO. 1422601001Z
	SIZE A4	SHEET 1/2	REV. X4
CODE:		CUSTOMER:	



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