

RoHS
compliant

SPECIFICATION

MATERIALS AND FINISH:

1. CODING B HOUSING: PA9T , UL94V0, CREAM WHITE
2. INNER HOUSING: THERMOPLASTIC, BLACK
3. CONTACT: COPPER ALLOY
PLATING CONTACT AREA: 0.15μm AU OVER 2 ~ 3μm NI
SOLDER AREA: 0.15μm AU OVER 2 ~ 3μm NI
4. OUTER CONTACT: ZINC ALLOY
PLATING CONTACT: 3~6μm SN (MATTE) OVER
2~6μm NI OVER 8~20μm CU

ELECTRICAL:

1. IMPEDANCE: 50 Ω
2. FREQUENCY RANGE: DC TO 6.0 GHz
3. WORKING VOLTAGE: 335 Vrms MAX.

MECHANICAL:

1. DURABILITY: ≥25 CYCLES
2. REFLOW SOLDER CAPABLE TO 260°C/10s
3. CODING RETENTION FORCE: ≥200N

NOTE:

1. OPERATING TEMPERATURE RANGE: -40°C TO +105°C
2. USCAR-2 & USCAR-17 COMPLIANT

PCB LAYOUT
SOLDER AREA

LASER MARKING:
YY: YEAR (19: 2019)
WW: WEEK (25: THE 25TH WEEK)
DD: (D1~D7: SUNDAY~SATURDAY)
A: MECHANICAL NUMBER

冠捷股份有限公司
文件管制中心
09MAR2026
發行章

UNLESS OTHERWISE SPECIFIED TOLERANCE

ANG.	+5°
0.	+0.50
.0	+0.30
.00	+0.20

SCALE: 2:1 UNIT: mm

SIP
Cmk
Cpk

CHANT SINCERE CO.,LTD

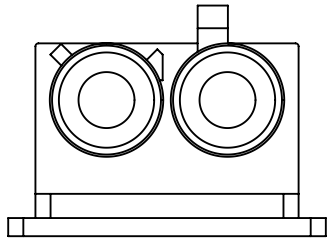
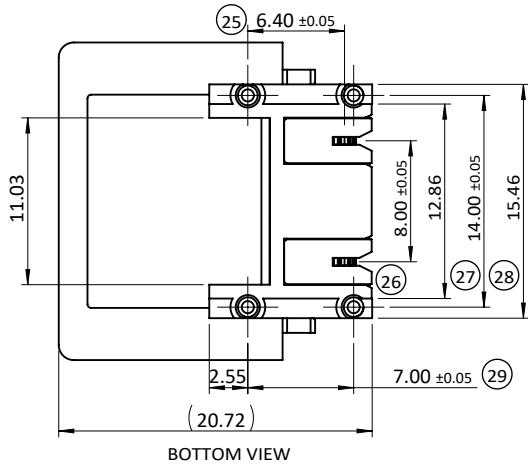
DRAWN: CANDY_CHEN	23 Jan 2026	TITLE: PDR-23062
CHECKED: JERRY_CHOU	02 Feb 2026	DUAL FAKRA PLUG
APPROVED: JERRY_CHOU	02 Feb 2026	PART NO. 5410502001B
SIZE A4	SHEET 1/2	REV. A

CODE: GB	CUSTOMER: FIH
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ZONE	REVISION	DESCRIPTION	DATE
1	A	ECN-2601031(JOE)X7 CHANGE TO A	14JAN2026

1 2 3 4 5 6 7 8 9 10

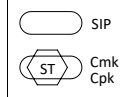
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A	B	C	D	E	F
JET BLACK SIMILAR RAL 9005	CREAM WHITE SIMILAR RAL 9001	SIGNAL BLUE SIMILAR RAL 5005	CLARET VIOLET SIMILAR RAL 4004	LEAF GREEN SIMILAR RAL 6002	NUT BROWN SIMILAR RAL 8011
G	H	I	K	L	
BLUE GREY SIMILAR RAL 7031	HEATHER VIOLET SIMILAR RAL 4003	BEIGE SIMILAR RAL 1001	CURRY SIMILAR RAL 1027	CARMINE RED SIMILAR RAL 3002	

UNLESS OTHERWISE SPECIFIED TOLERANCE

ANG.	+5°
0.	+0.50
.0	+0.30
.00	+0.20



SCALE: 2:1

UNIT: mm

DRAWN: CANDY_CHEN 23 Jan 2026

CHECKED: JERRY_CHOU 02 Feb 2026

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TITLE: PDR-23062

DUAL FAKRA PLUG

PART NO. 5410502001B

CODE: GB CUSTOMER: FIH

ZONE	REVISION	DESCRIPTION	DATE
1	A	EC2601031(JOE)X6 CHANGE TO A	14JAN2026