

SPECIFICATION

MATERIAL AND FINISH:

1. CODING HOUSING: PA
2. CONTACT: : COPPER ALLOY
CONTACT AREA: 6u" AU OVER 80~160u" NI
SOLDER AREA: 80~160u" SN(MATTE) OVER 80~160u" NI
3. OUTER CONTACT:ZINC ALLOY
PLATING AREA: 80~200u" SN(MATTE) OVER 120u"~240u" NI
OVER 600~800u" CU
4. INNER HOUSING: THERMOPLASTIC, COLOR BLACK

ELECTRICAL CHARACTERISTIC:

1. CHARACTERISTIC IMPEDANCE: 50 Ω
2. FREQUENCY RANGE: DC TO 4.0 GHz
3. INSULATION RESISTANCE: 1000 M Ω MIN. AT 100V DC
4. WITHSTANDING VOLTAGE: AC 800Vrms MIN. 60Hz
5. VOLTAGE RATING: AC 335Vrms
6. CURRENT RATING: 1.0 A MAX.
- 7.CONTACT RESISTANCE: 10 m Ω MAX. AT 20mV MAX.

MECHANICAL CHARACTERISTIC:

1. DURABILITY: ≥ 25 CYCLES
2. USCAR-17 COMPLIANT

ENVIRONMENT:

1. OPERATING TEMPERATURE RANGE: -40°C TO +125°C

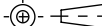
PACKING STYLE:

1. TAPE REEL

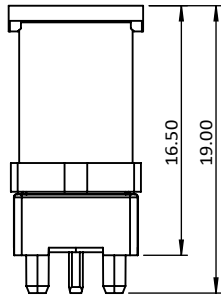
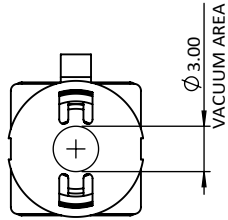
NOTE:

ALL MATERIALS MUST BE USCAR-2, USCAR-17 AND EIA-364 COMPLIANT;
SUPPORTING DOCUMENTATION MUST BE MADE AVAILABLE ON REQUEST

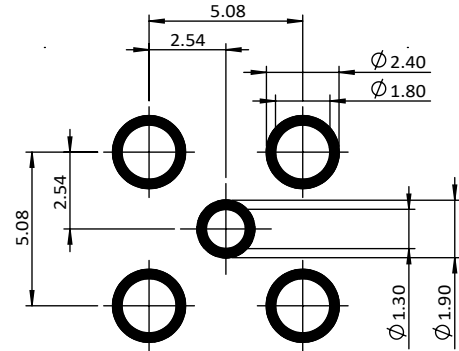
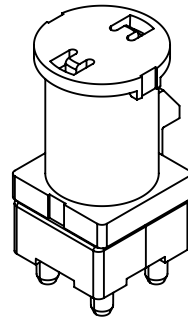
X=CODING, SEE PAGE 3/3

1	5410102001X	410AF01C6TA29A3X		
ITEM	NEW P/N	OLD P/N	NOTE	
UNLESS OTHERWISE SPECIFIED TOLERANCE ANG. ± 5° 0. ± 0.50 .0 ± 0.30 .00 ± 0.20		 SIP  Cmk Cpk	 CHANT SINCERE CO.,LTD	
SCALE: 2:1	UNIT: mm			
DRAWN: KEVIN_ZHENG	26 Aug 2024	TITLE: PDR-22033 FAKRA PLUG-VERTICAL H=15.50mm SOLDER 0.96mm		
CHECKED: JOE_CHANG	28 Aug 2024			
APPROVED: MARK_YEN		29 Aug 2024	PART NO. 5410102001X	C
 SIZE A4 SHEET 1/3	REV. B	CODE:	CUSTOMER:	

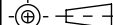
ZONE	REVISION	DESCRIPTION	DATE
E7, F7, G7	B	ECN-2408093(JOE)MODIFY SPECIFICATION CONTENT	26AUG2024
	A	ECN-2407089(JERRY)X2 CHANGE TO A	04JUL2024



WITH CAP



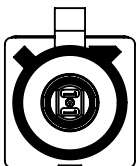
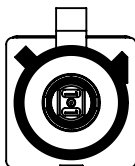
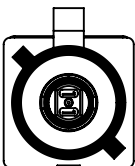
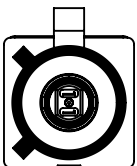
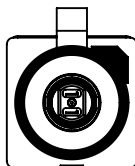
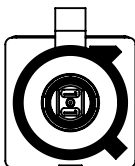
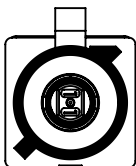
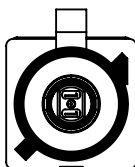
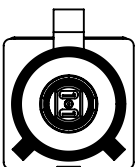
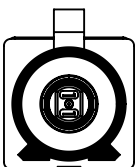
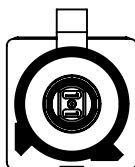
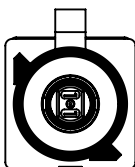
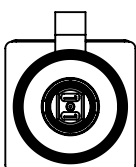
RECOMMENDED PCB LAYOUT
TOLERANCES $\pm 0.05\text{mm}$
SCALE 2:1

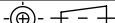
UNLESS OTHERWISE SPECIFIED TOLERANCE		 SIP  Crnk Cpk	 CHANT SINCERE CO.,LTD	
ANG.	+5°			
0.	+0.50			
.0	+0.30	SCALE: 2:1		UNIT: mm
.00	+0.20	DRAWN: KEVIN_ZHENG		26 Aug 2024
CHECKED: JOE_CHANG		28 Aug 2024		TITLE: PDR-22033 FAKRA PLUG-VERTICAL H=15.50mm SOLDER 0.96mm
APPROVED: MARK_YEN		29 Aug 2024		PART NO. 5410102001X
		SIZE A4	SHEET 2/3	REV. B
CODE:		CUSTOMER:		

B		ECN-2408093(JOE)SEE PAGE 1/3	2024/8/26
A		ECN-2407089(JERRY)X2 CHANGE TO A	04JUL2024
ZONE	REVISION	DESCRIPTION	DATE

RoHS
compliant



A	B	C	D	E	F	G
BLACK SIMILAR RAL 9005	WHITE SIMILAR RAL 9001	BLUE SIMILAR RAL 5005	BOREDAUX VIOLET SIMILAR RAL 4004	GREEN SIMILAR RAL 6002	BROWN SIMILAR RAL 8011	GRAY SIMILAR RAL 7031
						
H	I	K	L	M	N	Z
VIOLET SIMILAR RAL 4003	BEIGE SIMILAR RAL 1001	CURRY SIMILAR RAL 1027	CARMINE RED SIMILAR RAL 3002	PASTEL ORANGE SIMILAR RAL 2003	PASTEL GREEN SIMILAR RAL 6019	WATER BLUE SIMILAR RAL 5021
						

UNLESS OTHERWISE SPECIFIED TOLERANCE		 SIP	 CHANT SINCERE CO.,LTD	
ANG.	±5°	 Crmk Cpk		
0.	±0.50	UNIT: mm		
.0	±0.30			
.00	±0.20			
SCALE: 2:1				
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