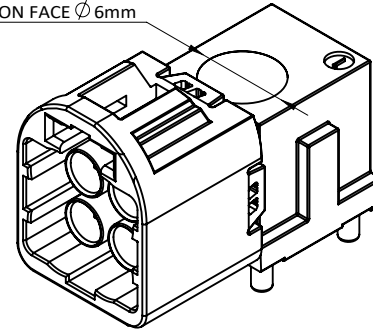
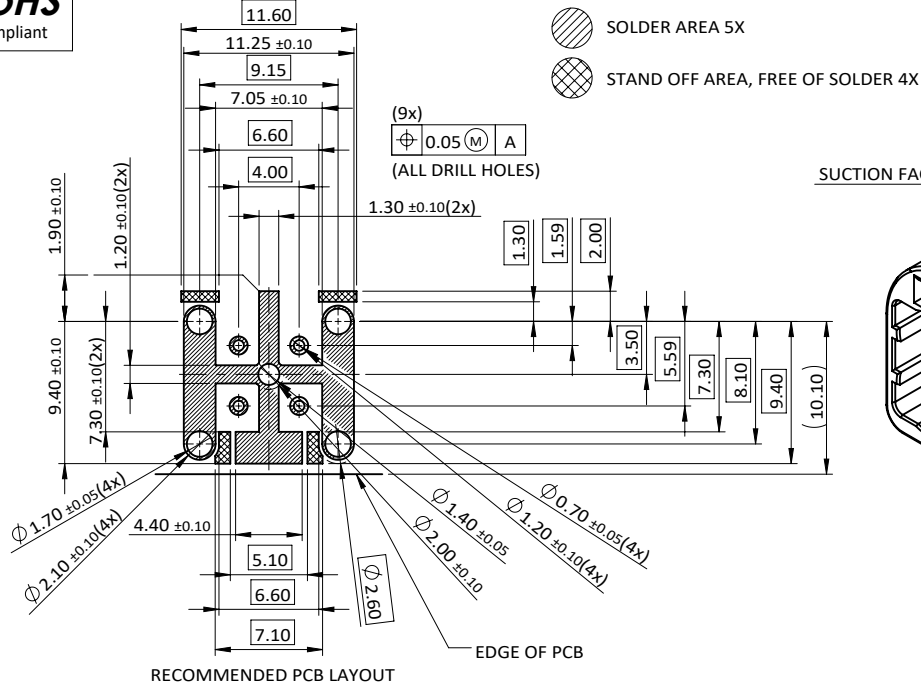




MATERIAL

1. DIELECTRIC: LCP
2. HOUSING: PA
3. CENTER CONTACTS: BRASS
4. OUTER CONTACT (INTERFACE): STAINLESS STEEL
5. OUTER CONTACT (PCB): ZAMAK
6. OUTER CONTACT (SHEET): BRASS

PLATING

1. CENTER CONTACT: CONTACT AREA: 6~30u" Au
SOLDER TAILS: 80u"~160u" Sn (MATTE)
UNDERPLATE: 80u"~160u" Ni
2. OUTER CONTACT (INTERFACE):
120u"~240u" Sn (MATTE) OVER 40u"~120u" Ni
3. OUTER CONTACT (PCB): 160u"~280u" Sn (MATTE) PLATED OVER
120u"~200u" Ni PLATED OVER
600u"~800u" Cu UNDERPLATED
4. OUTER CONTACT (SHEET): 80u"~160u" Sn (MATTE) PLATED OVER
80u"~160u" Ni PLATED OVER

ELECTRICAL

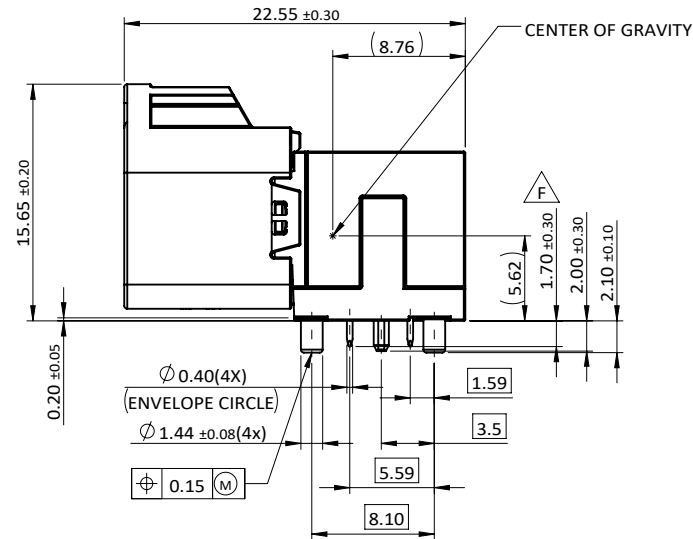
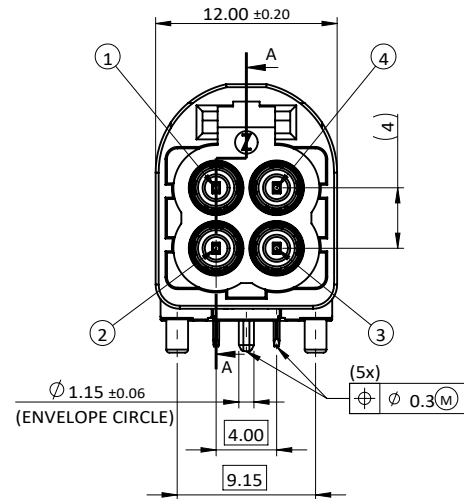
1. IMPEDANCE: 50 Ω
2. FREQUENCY: DC TO 9GHz
3. INSULATION RESISTANCE: ≥1000 MΩ
4. CENTER CONTACT RESISTANCE: ≤15 MΩ
5. OUTER CONTACT RESISTANCE: ≤7.5 MΩ
6. TEST VOLTAGE: 800Vrms
7. WORKING VOLTAGE: ≤60 V DC
8. POWER CURRENT: ≤1 A DC

ENVIRONMENTAL

1. TEMPERATURE RANGE: -40°C TO +105°C

MECHANICAL

1. MATING CYCLES: ≥ 25 CYCLES
2. ENGAGEMENT FORCE: ≤45 N
3. DISENGAGEMENT FORCE: ≥5 N
4. RETENTION FORCE LATCH: ≥110 N
5. CODING EFFICIENCY: ≥150 N



X=CODING(SEE PAGE 3/3)

5	5420102005X	410AF04CDTB3T2CX	30u" Au	9 O'CLOCK	TAPE & REEL
4	5420102004X	410AF04C6TB3T4CX	6u" Au	3 O'CLOCK	TAPE & REEL
3	5420102003X	410AF04C6TB3T3CX	6u" Au	6 O'CLOCK	TAPE & REEL
2	5420102002X	410AF04C6TB3T2CX	6u" Au	9 O'CLOCK	TAPE & REEL
1	5420102001X	410AF04C6TB3T1CX	6u" Au	12 O'CLOCK	TAPE & REEL

ITEM	NEW P/N	OLD P/N	CONTACT AREA	ORIENTATION	PACKING
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: BENSON_ZHENG			31 01 2024	TITLE: MINI FAKRA R/A PLUG-AM TYPE	
CHECKED: JERRY_CHOU			31 JAN 2024	PART NO. 5420102XXXX	
APPROVED: JERRY_CHOU			31 JAN 2024	CODE: GC	
SIZE A4			SHEET 1/3	CUSTOMER:	

	G	ECN-2401116(BENSON)SEE PAGE 3/3	31JAN2024
C6	F	ECN-2310043(TERESA)MODIFY DIMENSION	18OCT2023
F7	E	ECN-2306083(JERRY)MODIFY CONTENT	31AUG2023
ZONE	REVISION	DESCRIPTION	DATE

G

F

E

D

C

B

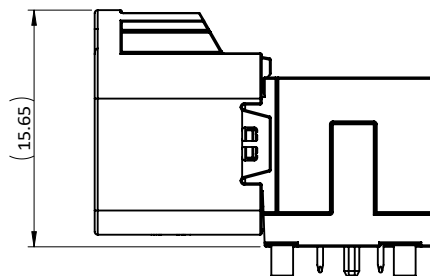
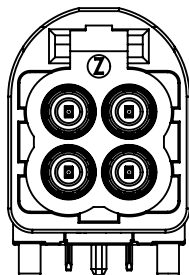
A

RoHS
compliant

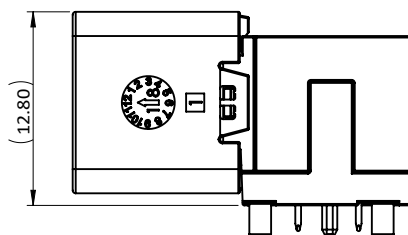
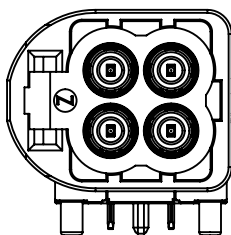


CODING DIRECTION INFORMATION

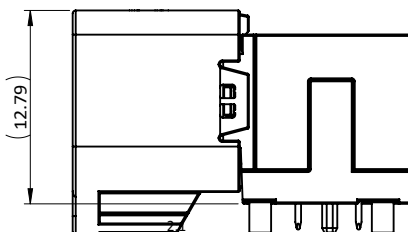
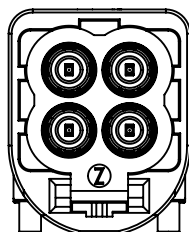
5420102001X
12 O'CLOCK



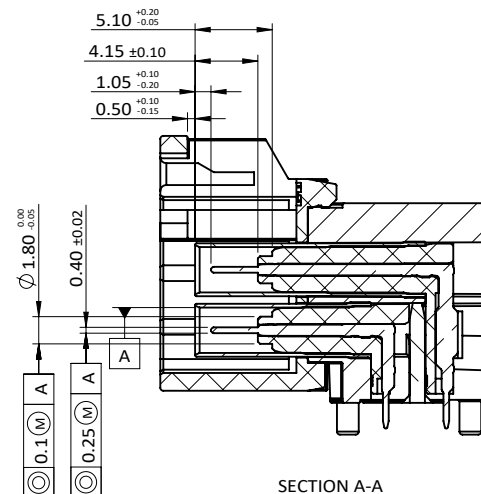
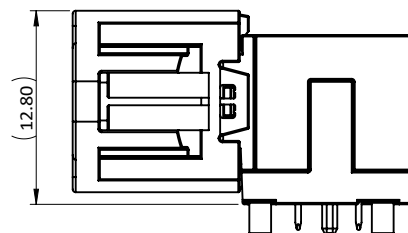
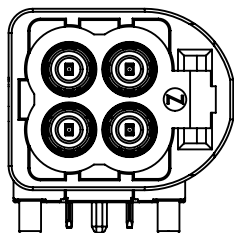
5420102002X
9 O'CLOCK

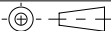


5420102003X
6 O'CLOCK



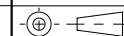
5420102004X
3 O'CLOCK



UNLESS OTHERWISE SPECIFIED TOLERANCE		 SIP	 CHANT SINCERE CO.,LTD	
ANG.	±5 °	 Crmk Cpk		
0.	±0.50			
.0	±0.30			
.00	±0.20			
SCALE:	2:1	UNIT:	mm	
DRAWN:	BENSON_ZHENG	31 01 2024	TITLE:	
CHECKED:	JERRY_CHOU	31 JAN 2024	MINI FAKRA R/A PLUG-AM TYPE	
APPROVED:	JERRY_CHOU	31 JAN 2024	PART NO.	5420102XXXX
	SIZE	A4	REV.	G
	SHEET	2/3	CODE:	GC
		CUSTOMER:		

G	ECN-2401116(BENSON)SEE PAGE 3/3
F	ECN-2310043(TERESA)SEE PAGE 1/3
E	ECN-2306083(JERRY)SEE PAGE 1/3

31JAN2024
18OCT2023
31AUG2023



SIZE A4
SHEET 2/3

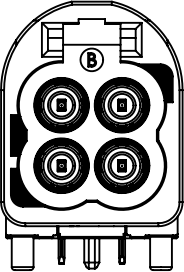
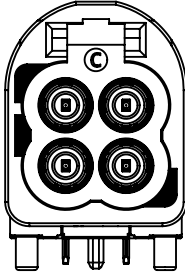
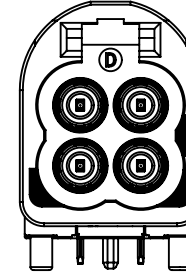
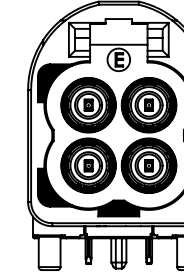
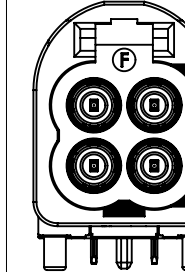
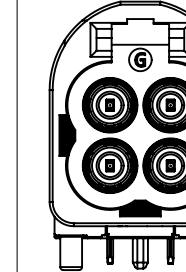
REV. G

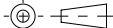
CODE: GC

CUSTOMER:

RoHS
compliant



A	B	C	D	E	F	G
JET BLACK SIMILAR RAL 9005	PURE WHITE SIMILAR RAL 9010	LIGHT BLUE SIMILAR RAL 5012	CLARET VIOLET SIMILAR RAL 4004	MAY GREEN SIMILAR RAL 6017	NUT BROWN SIMILAR RAL 8011	PLATINUM GREY SIMILAR RAL 7036
						
Z						
WATER BLUE SIMILAR RAL 5021						
						

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: BENSON_ZHENG		31 01 2024				TITLE: MINI FAKRA R/A PLUG-AM TYPE					
CHECKED: JERRY_CHOU		31 JAN 2024									
APPROVED: JERRY_CHOU		31 JAN 2024				PART NO. 5420102XXXX		C			
		SIZE A4		SHEET 3/3		REV. G		CODE: GC		CUSTOMER:	

	G	ECN-2401116(BENSON)MODIFY TABLE CONTENT	31JAN2024
	F	ECN-2310043(TERESA)SEE PAGE 1/3	18OCT2023
	E	ECN-2306083(JERRY)SEE PAGE 1/3	31AUG2023
ZONE	REVISION	DESCRIPTION	DATE