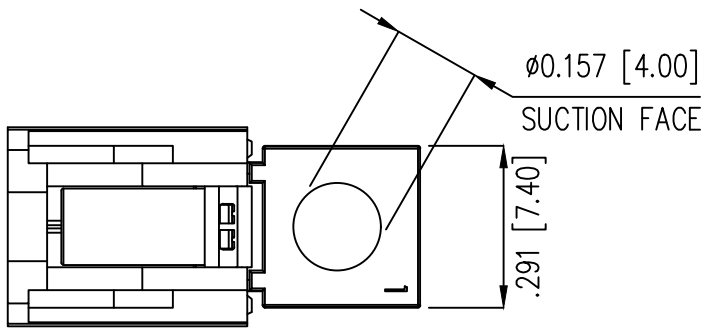
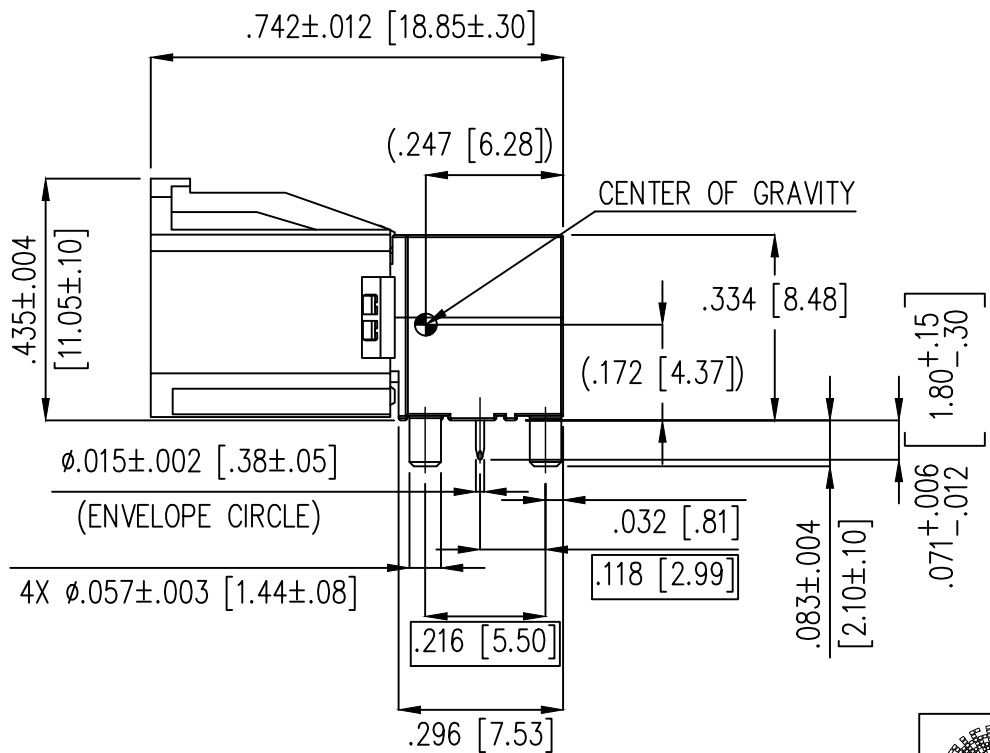
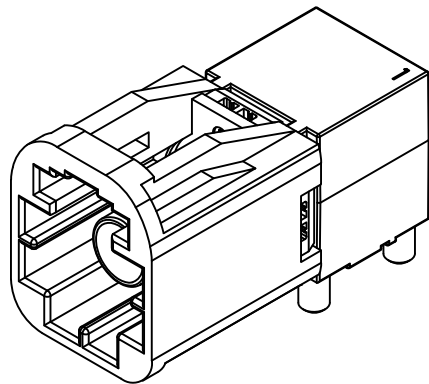


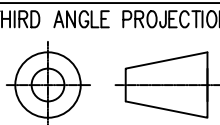
B

1. MATERIAL
HOUSING: PA
INNER HOUSING: LCP, COLOR BLACK
CENTER CONTACT: BRASS
OUTER CONTACT (INTERFACE): STAINLESS STEEL
OUTER CONTACT (PCB): ZAMAK
2. PLATING
CENTER CONTACT:
 CONTACT AREA: 6u" Au
 SOLDER TAILS: 80~200u" Sn(MATTE)
 UNDERPLATE: 80~160u" Ni
OUTER CONTACT (INTERFACE): 80~200u" Sn(MATTE)
 OVER 40~120u" Ni
OUTER CONTACT (PCB): 80~200u" Sn(MATTE)
 OVER 120~240u" Ni
 OVER 600~800u" Cu

3. ELECTRICAL
IMPEDANCE: 50Ω
FREQUENCY: DC to 9.0 GHz
INSULATION RESISTANCE: 1000MΩ MIN AT 500VDC
CENTER CONTACT RESISTANCE: 15mΩ MAX AT 20mV MAX
OUTER CONTACT RESISTANCE: 7.5mΩ MAX AT 20mV MAX
WITHSTANDING VOLTAGE: AC 800Vrms MIN 60Hz
VOLTAGE RATING: AC 335Vrms
CURRENT RATING: 1.0A MAX
4. MECHANICAL
DURABILITY: ≥ 25 CYCLES
ENGAGEMENT FORCE: ≤ 15N
DISENGAGEMENT FORCE: ≥ 2N
DISENGAGEMENT FORCE LATCH: ≥ 110N
CODING EFFICIENCY: ≥ 150N
5. ENVIRONMENTAL
TEMPERATURE RANGE: -40°C TO +105°C

AA

RoHS



THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

PART NUMBER
CC 40421 002

DRAWING NUMBER
CT740281

TITLE

Mini FAKRA PLUG 1X1 PCB Conn. A-TYPE (Water Blue, Z Coded)

DIMENSIONS SHOWN ARE SUBJECT
TO CHANGE WITHOUT NOTICE

DIMENSIONS: INCHES [METRIC]

TOLERANCES UNLESS OTHERWISE NOTED
 0.010 0.050 0.100 0.250 0.500 1.00 [0.5]

2 PLC. DEC.	± 0.02	[0.5]
3 PLC. DEC.	± 0.012	[0.30]

4 PLC. DEC. ± 0.0079 [0.200]
 ANGLES $\pm 5^\circ$

DRWN BY: BR

CHKD BY: BR

APPD BY: KW

SHEET 1 OF 1

DATE 9/27/24

DATE 9/27/24

DATE 9/27/24

REV. A00