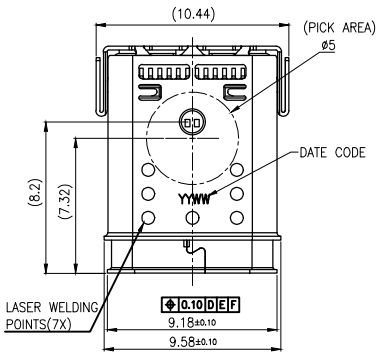
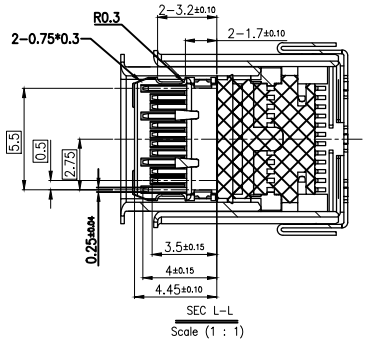
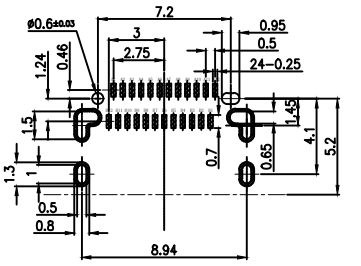
REV	DESCRIPTION	DATE	CHECK	APPROVAL
A0	NEW RELEASE	2024/01/19	MA	PENG







RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS=T1.10~1.75mm;TOLERANCE:±0.05

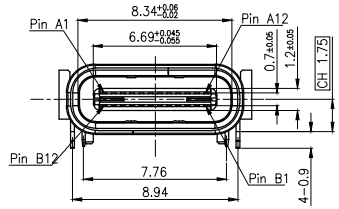
NOTE:
1.MATERIAL:
- 1.1 INSULATOR:PA9T(GP2450NH),rated UL94V-0,BLACK
- 1.2 CONTACT: C194-H(Brass),T=0.15mm
- 1.3 MID PLATE: SUS301-H (T=0.15)
- 1.4 INNER SHELL:SUS304-1/2H(T=0.20)
- 1.5 OUTER SHELL:SUS304-1/2H(T=0.20)
- 1.6 O-RING: SILICONE

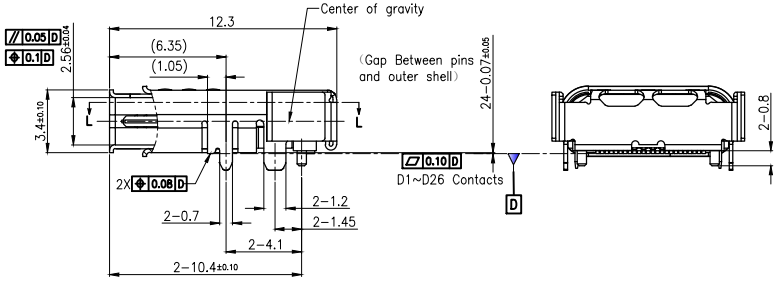
2.ELECTRICAL CHARACTERISTICS;
- 2.1 LLCR:
  VBUS&GND PINS&OTHER PINS:40mΩ MAX.
  AFTER ENVIRONMENT TEST: 50mΩ MAX.
- 2.2 CURRENT RATING:5A MAX. VOLTAGE RATING: 20V
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE:100VR.M.S.
- 2.4 INSULATION RESISTANCE 100 MEGOHMS MIN
- 2.5 OPERATING TEMPERORTURE:-40°C ~ 105°C

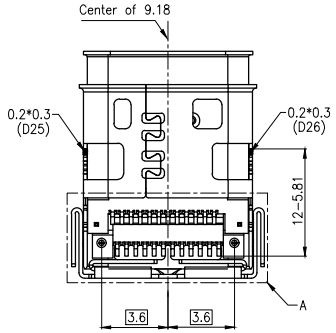
3.MECHANICAL CHARACTERISTICS:
- 3.1 MATING FORCE: 5N~20N
- 3.2 UNMATED FORCE: 8N~20N/6N~20N AFTER TEST.
- 3.3 DURABILITY:10, 000 CYCLES

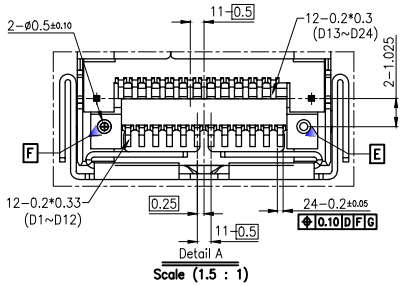
4.PLATING
- 4.1 CONTACT:Underplate 80u" MIN. Nickel Plating.
  Contact area: 30u" Gold Plating .
  Solder tails area : 100u"~150u" Matte Tin Plating
- 4.2 MID PLATE: 80u" MIN NICKEL ALL OVER.
- 4.3 SHELL: Underplate 80u" MIN. Nickel Plating.
  Solder tails area : G/F" Au Plating

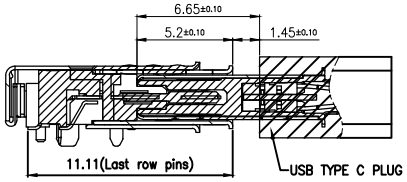
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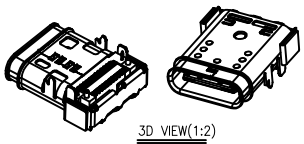








MATING DRAWING



3D VIEW(1:2)

RoHS Compliant 2002/95/EC

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GENERAL TOLERANCE	
.X	0.30
.XX	0.20
.XXX	0.10
PROJECT	

鸿康科技（东莞）有限公司
Hongkang Technology (Dongguan) Co., Ltd

APPROVAL	CHECK	DRAWN	DATE
PENG	MA	ZHANG	2024/01/19

PART NO. C14-93079421-098

TITLE. TYPE CF 24P 防水 板上双排
SMT CL=1.75mm

UNIT	SCALE	NUMBER	REV
MM	1 : 1	A- 00	A0