

RoHS
Compliant



THIS DRAWING CONTAINS INFORMATION THAT IS
PROPRIETARY TO ZDT TECHNOLOGY. AND SHOULD
NOT BE USED WITHOUT WRITTEN PERMISSION

REV	ECN No.	DATE	REMARK
A	NEW	2022.02.19	NEW RELEASE
B	--	2022.05.24	依客户要求脚长0.9=》1.4

NOTE:

- Electrical Characteristics:
Current Rating: 5A For Pin(A4,A9,B4,B9)
1.25A For Others Pin
Insulation Resistance: 100MΩ Min.
Contact Resistance: 40 mΩ Max.
Dielectric Withstanding Voltage:100V/AC 1Minute
- Mechanical Characteristics:
Insertion Force: 5~20N
Extraction Force: Initial: 8~20N
After durability: 6~20N
Durability :10000 Cycles
- Salt Spray :24H/48H
- Operating Temperature: -30°C TO +85°C

5. PART NUMBER CODE:

CM 3 24 - 001 S L B XX R - 02
(1)(2)(3) (4) (5)

- (1) SHELL PLATED:
S: 不锈钢壳 (雾镍)
- (2) HOUSING MATERIAL
L:LCP
- (3) HOUSING COLOR:
B:BLACK
- (4) CONTACTS PLATED:
02:半金锡3u"
- (5) PACKING OPTIONS:
R:TAPE & REEL(带塞子)

6	Shield	1	Stainless Steel	Bright Nickel Plating
5	Housing	4	LCP	Color: Black
4	Latch	1	Stainless Steel	
3	Contact	24	Copper Alloy	3u"gold plated on Contact area, Matte Tin plated on Solder tails, Nickel underplating over all
2	Emc Spring	2	Stainless Steel	
1	Shell	1	Stainless Steel	Bright Nickel Plating
ITEM	NAME	QTY	MATERIAL	DESCRIPTION

PART NO.:
SEE THE PART NUMBER CODE

ZDT 深圳市中兴兴达科技有限公司
SHENZHEN ZDT TECHNOLOGY CO.,LTD

DRAWN BY DATE
SAM 2022.05.24

CHECKED BY DATE
JAY 2022.05.24

APPROVED BY DATE
JACKY 2022.05.24

TITLE
TYPE C PLUG SMT MIDDLE MOUNT
RIGHT ANGLE CH 0.15L=15.5MM

DWG.NO.
CM324-001-02

SHEET NO.
1 OF 1

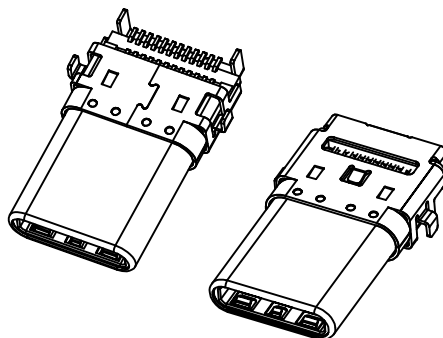
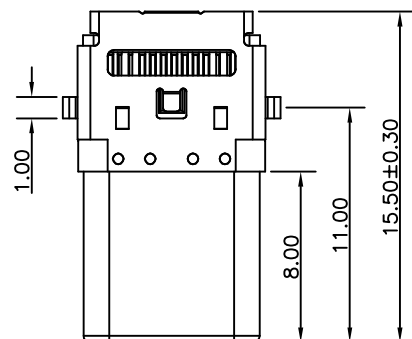
DIMENSION STYLE
MM ONLY

DESIGN UNITS
METRIC

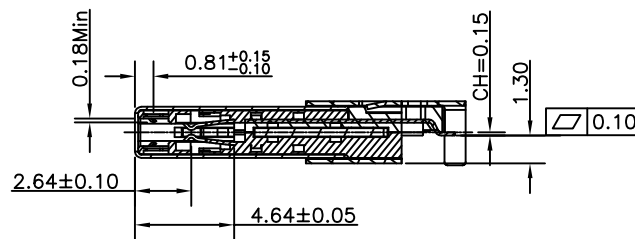
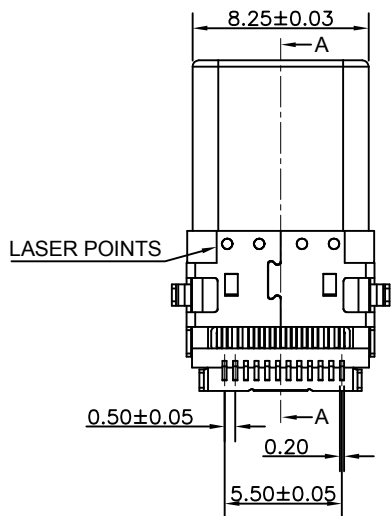
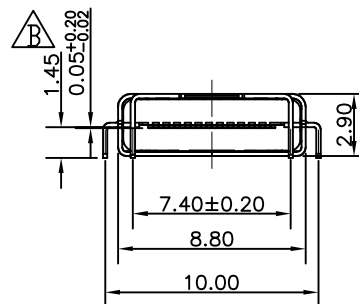
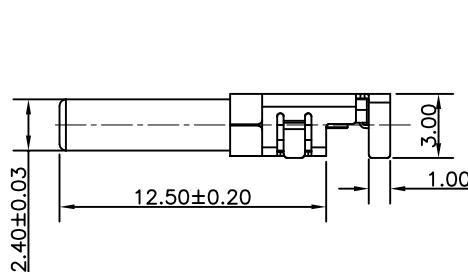
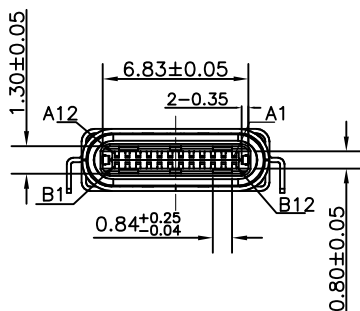
SCALE
1:1

THIRD ANGLE
PROJECTION

frame size: A4



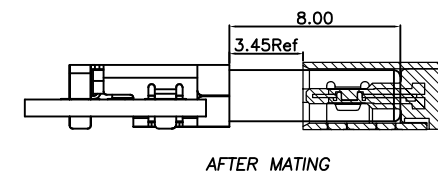
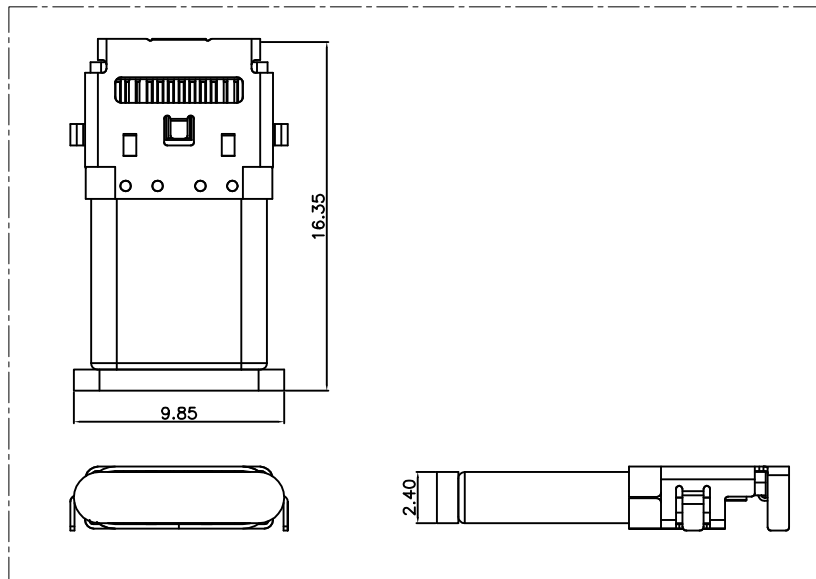
3D VIEW



SECTION: A-A

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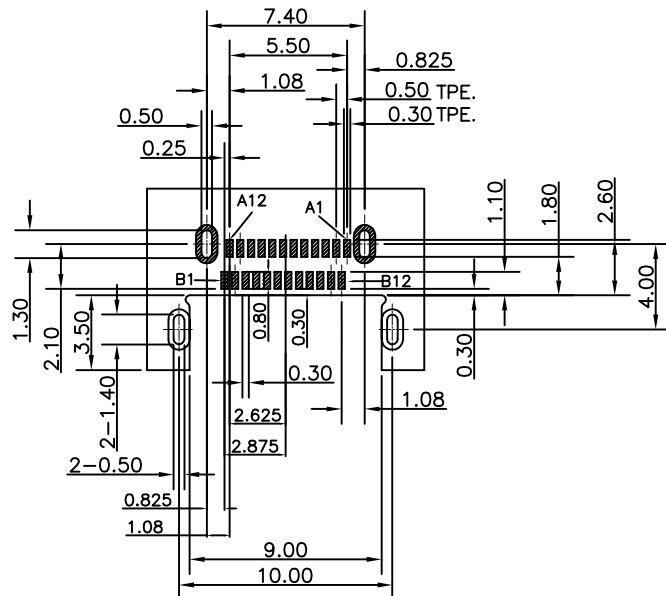
带塞子尺寸示意图



USB TYPE-C PIN ASSIGNMENTS

PIN	NUMBER	SIGNAL	NAME
	A1		GND
	A2		SSTXp1
	A3		SSTXn1
	A4		Vbus
	A5		CC1
	A6		Dp1
	A7		Dn1
	A8		SBU1
	A9		Vbus
	A10		SSRXn2
	A11		SSRXp2
	A12		GND

PIN	NUMBER	SIGNAL	NAME
	B12		GND
	B11		SSRXp1
	B10		SSRXn1
	B9		Vbus
	B8		SBU2
	B7		Dn2
	B6		Dp2
	B5		CC2
	B4		Vbus
	B3		SSTXn2
	B2		SSTXp2
	B1		GND



RECOMMENDED P.C.B. LAYOUT
T=0.80 OR 1.00mm

TOLERANCE UNSPECIFIED ± 0.05 mm

PART NO.: SEE THE PART NUMBER CODE		深圳市中科兴达科技有限公司 SHENZHEN ZDT TECHNOLOGY CO., LTD		DRAWN BY SAM	DATE 2022.05.24
QUALITY SYMBOL ▽=0 △=0 ▲=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	TITLE TYPE C PLUG SMT MIDDLE MOUNT RIGHT ANGLE CH 0.15L=15.5MM		CHECKED BY JAY	DATE 2022.05.24
	X.XXXX	±	---	APPROVED BY JACKY	DATE 2022.05.24
	X.XXX	±	0.10		
	X.XX	±	0.25		
	X.X	±	0.30		
	ANGULAR	+	-		
DWG.NO.		CM324-001-02	SHEET NO. 2 OF 2		
DIMENSION STYLE MM ONLY		DESIGN UNITS METRIC	SCALE 1:1	THIRD ANGLE PROJECTION	