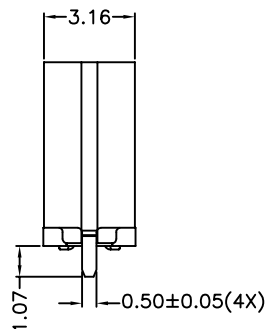
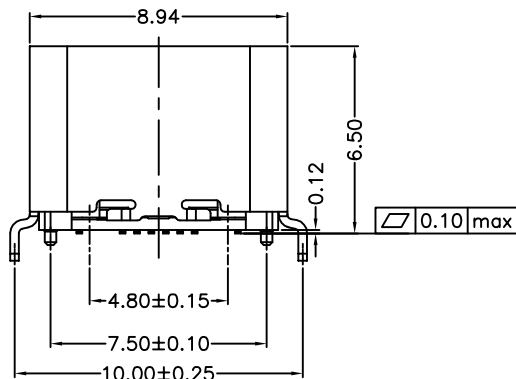
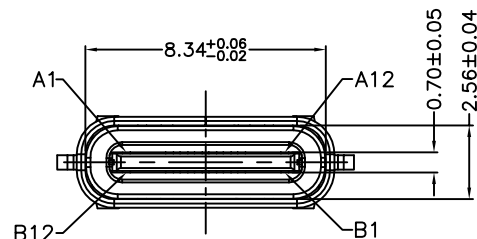


RoHS
Compliant

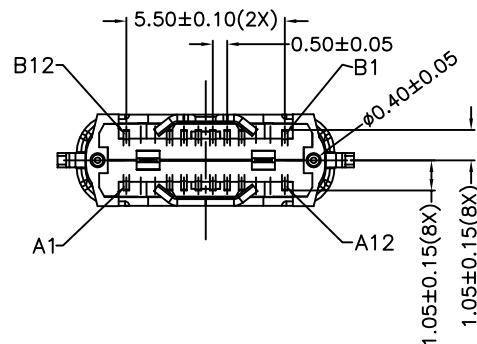
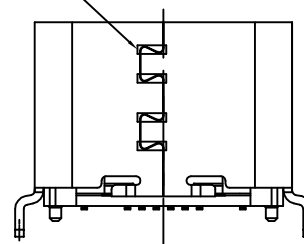


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PROPRIETARY TO ZDT TECHNOLOGY. AND SHOULD
NOT BE USED WITHOUT WRITTEN PERMISSION

REV	ECN No.	DATE	REMARK
A	NEW	2021.01.11	NEW RELEASE



Riveting points(4X)



NOTE:

- MATERIAL SPECIFICATION:
 - HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC(LCP), UL94 V-0. COLOR:BLACK.
 - CONTACTS:COPPER ALLOY(C18150)T=0.12mm
 - MID PLATE: STAINLESS STEEL(SUS301)T=0.15mm
 - SHELL: STAINLESS STEEL(SUS304)T=0.30mm
- PLATING SPECIFICATION:
 - CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE MATING AREA OF CONTACT.
(GOLD PLATING THICKNESS FOLLOW THE P/N)
G/F PLATED ON THE SOLDER AREA.
 - SHELL:
Ni 30u" MIN. UNDER PLATED OVER ALL.
 - MID PLATE:
CLEAR ONLY
- MECHANICAL PERFORMANCE,
 - INSERTION FORCE: 0.5~2.0kgf.
 - EXTRACTION FORCE: 0.8kgf~2.0kgf.
0.6kgf~2.0kgf. AFTER DURABILITY TEST.
 - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
 - CURRENT RATING:5.0A
VOLTAGE RATING:5.0V
 - LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD: 50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - INSULATION RESISTANCE: 100MΩ MIN
 - DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
- IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

7. PART NUMBER CODE:(产品料号)

CF252-16 S X X XX X - C3
(1) (2)(3) (4)

- (1) HOUSING MATERIAL: (3) CONTACTS PLATED:
L:LCP 12:接触镀金3u"其它GOLD FLASH
(2) HOUSING COLOR: (4) 包装要求
B:BLACK R:卷装

PART NO.:
SEE THE PART NUMBER CODE

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

DRAWN BY
SAM
DATE
2021.01.11

QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	X.XXXX	± ---
	X.XXX	± 0.10
	X.XX	± 0.25
	X.X	± 0.30
ANGULAR	± ---°	

TITLE	
USB TYPE C FEMALE 16PIN H6.50 侧面铁壳脚	
DWG.NO.	SHEET NO.
CF252-16-C3	1 OF 2
DIMENSION STYLE	DESIGN UNITS
MM ONLY	METRIC
SCALE	SCALE
1:1	1:1

CHECKED BY	DATE
JAY	2021.01.11
APPROVED BY	DATE
JACKY	2021.01.11



THIRD ANGLE
PROJECTION

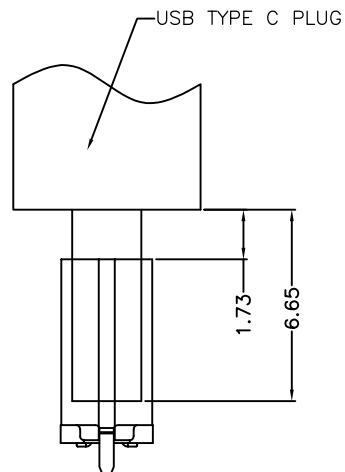
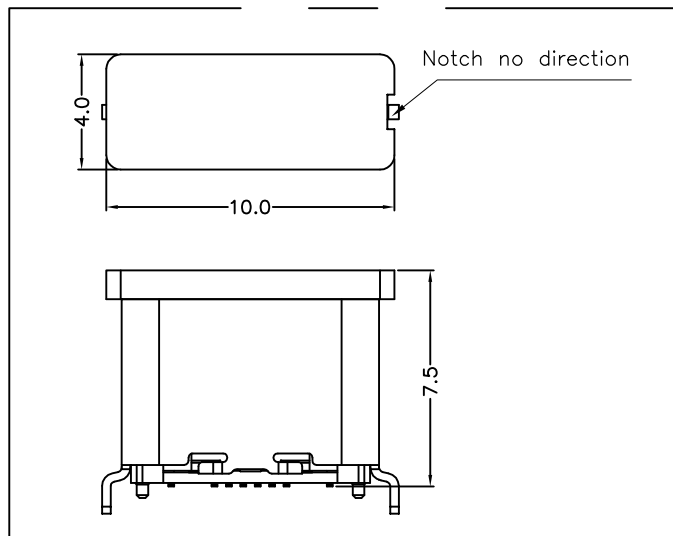
frame size: A4

RoHS
Compliant

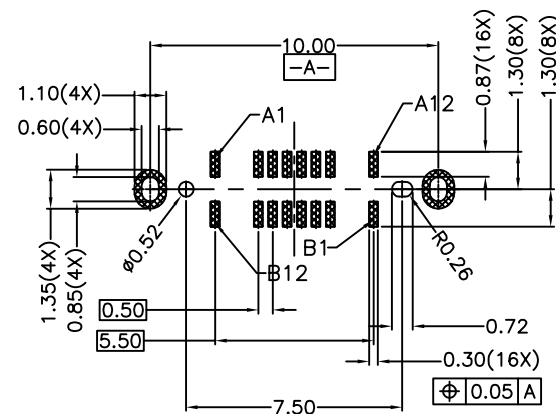


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FEMALE AND MALE MATCHING DRAWING



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.8±0.10MM;DEFAULT TOLERANCE:±0.05

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	Vbus	B9	Vbus
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	Vbus	B4	Vbus
A12	GND	B1	GND

PART NO.:
SEE THE PART NUMBER CODE

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

DRAWN BY
SAM

DATE
2021.01.11

QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)
X.XXXX	± ---
X.XXX	± 0.10
X.XX	± 0.25
X.X	± 0.30
ANGULAR	± ---°

TITLE
USB TYPE C FEMALE 16PIN H6.50 侧面铁壳脚

DWG.NO.
CF252-16-C3

SHEET NO.
2 OF 2

DIMENSION STYLE
MM ONLY

DESIGN UNITS
METRIC

SCALE
1:1

CHECKED BY
JAY

DATE
2021.01.11

APPROVED BY
JACKY

DATE
2021.01.11

THIRD ANGLE
PROJECTION

frame size: A4