

1	2	3	4	5	6	7	8
H							
G							
F							
E							
D							
C							
B							
A							

DELEC

MARKETING GROUP	R&D GROUP	QA GROUP
ISSUED BY	CHECKED BY	QA INSPECTION
Iror	Victor	XuLong

CUSTOMER

CUSTOMER APPROVAL:

☐ APPROVAL☐ CONCESSIONARY☐ REJECTED

ISSUED BY : _____

CHECKED BY: _____

APPROVED BY: _____

COMMENTS : _____

CUSTOMER: _____

CUSTOMER PART NO: _____

SAMPLE Q'TY: _____

TITLE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD				
PART NO.				GENERAL TOLERANCE			UNIT:MM	SIZE: A4
DH10-5C21H0A-00B								
DRAW	Iror	DATE	2023-03-05	.X±0.25	.X±1"		SCALE: 1:1	SHEET: 1/7
CHECK	Iror	DATE	2023-03-05	.XX±0.13	.XX±0.5"			
APPROVE	Victor	DATE	2023-03-05	.XXX±0.05				

RoHS COMPLIANT

THIS DRAWING IS A CONTROLLED DOCUMENT FOR DUOYA CONNECTOR CORPORATION

EMAIL: MAILBOX@DELEC.COM.CN

WEB SITE: HTTP://WWW.DELEC.COM.CN

BY DUOYA CONNECTOR CORPORATION

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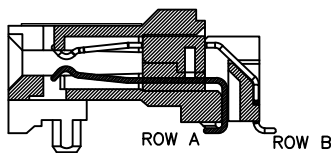
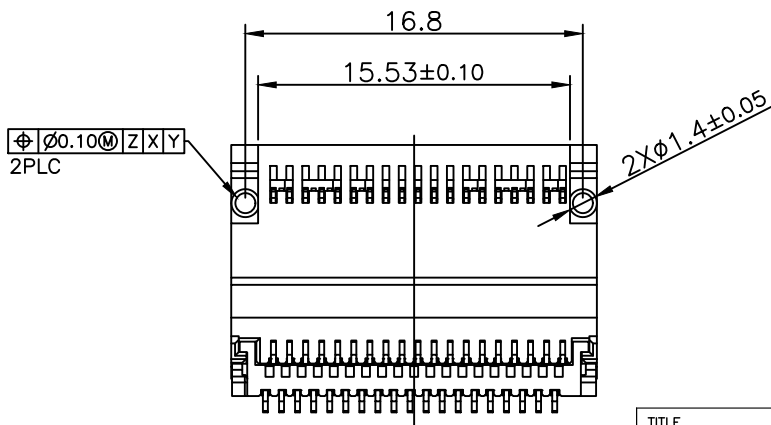
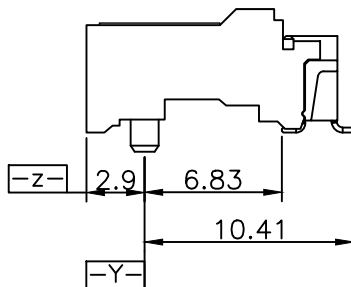
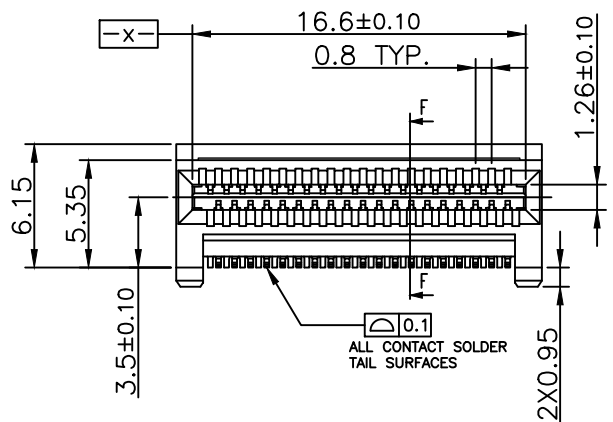
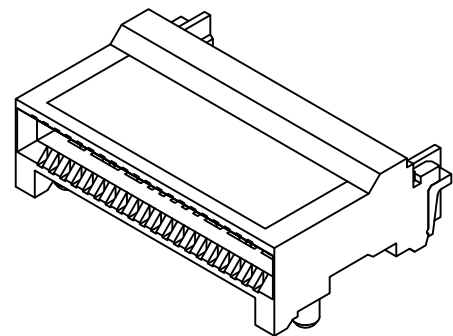
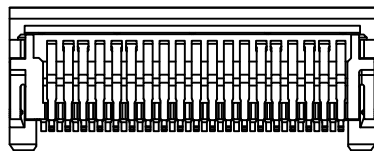
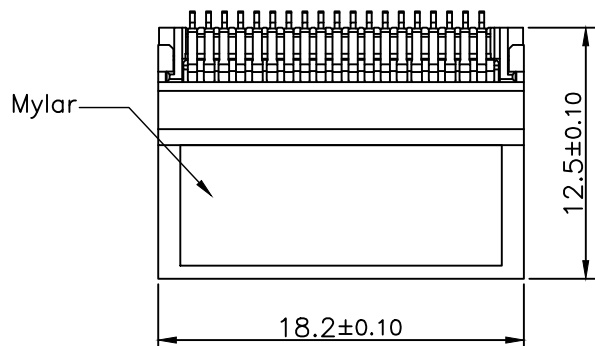
PRODUCT DRAWING

	1	2	3	4	5	6	7	8		
H	ISSUE RECORD									
	REV	DESCRIPTION OF CHANGE			REVIEWED BY	APPROVED BY	ISSUE DATE			
	A	FIRST ISSUE			Iror	Victor	2023-03-05			
G										
F										
E										
D										
C										
B										
A										
RoHS COMPLIANT		TITLE QSFP28 1X1 CONNECTOR				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD				
		PART NO. DH10-5C21H0A-00B				GENERAL TOLERANCE		UNIT:MM	SIZE: A4	
		DRAW	Iror	DATE	2023-03-05	.X±0.25	.X±1"	SCALE: 1:1	SHEET: 2/7	REV:A
		CHECK	Iror	DATE	2023-03-05	.XX±0.13	.XX±0.5"			
		APPROVE	Victor	DATE	2023-03-05	.XXX±0.05				
THIS DRAWING IS A CONTROLLED DOCUMENT FOR DUOYA CONNECTOR CORPORATION										
EMAIL: MAILBOX@DELEC.COM.CN WEB SITE: HTTP://WWW.DELEC.COM.CN										

BY DUOYA CONNECTOR CORPORATION

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PRODUCT DRAWING



一. Material :
HOUSING : HIGH TEMPERATURE LCP, BLACK,
UL 94 V-0 FLAME RETARDANT

二. TERMINAL :
NICKEL COPPER ALLOY

三. PLATING SPECIFICATION :

1. CONTACT AREA :
Plate Nickel: 50μ" Min
Plate Gold: 15μ" Min

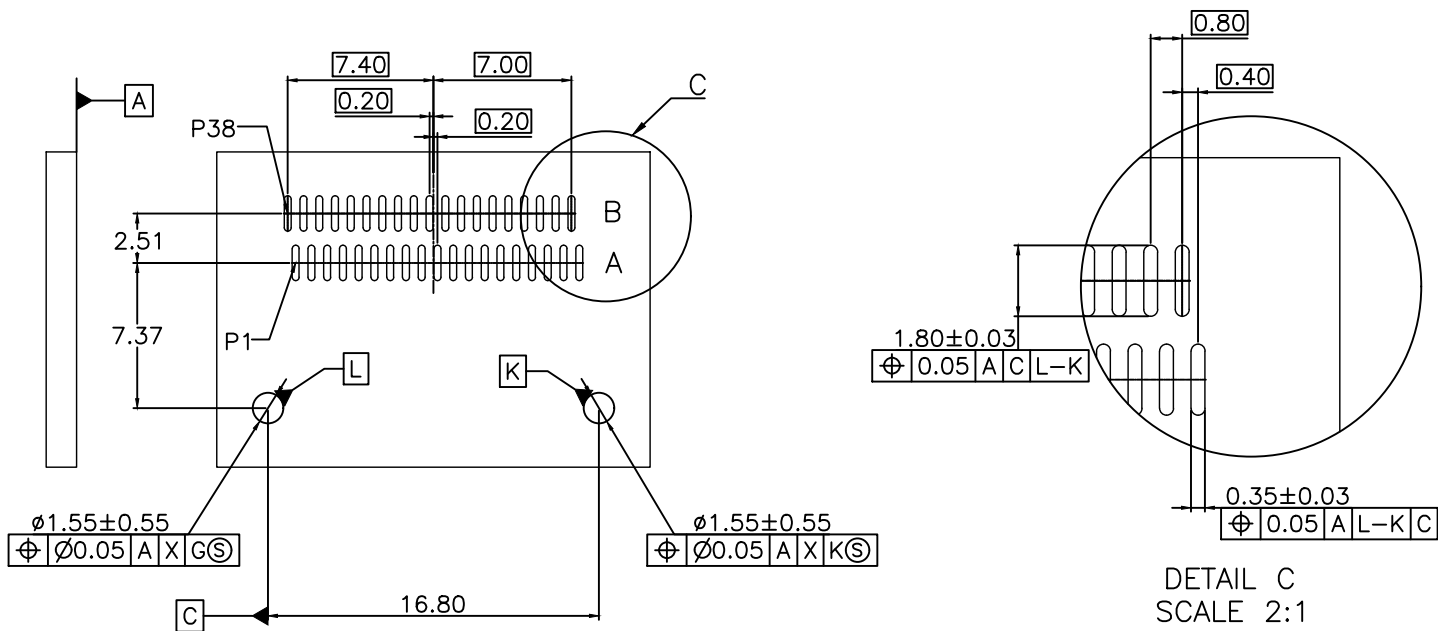
2. SOLDER AREA :
Plate Nickel: 50μ" Min
Plate Matt Tin: 60 - 180μ"

四. ELECTRICAL CHARACTERISTICS :
Contact Current Rating: 0.5 Ampere
Voltage Rating: 30V AC
Contact Resistance: 50 Milliohms Max
Dielectric Withstanding Voltage: 300V DC

五. ENVIRONMENT :
Operation Temperature: -40°C to 85°C

RoHS COMPLIANT

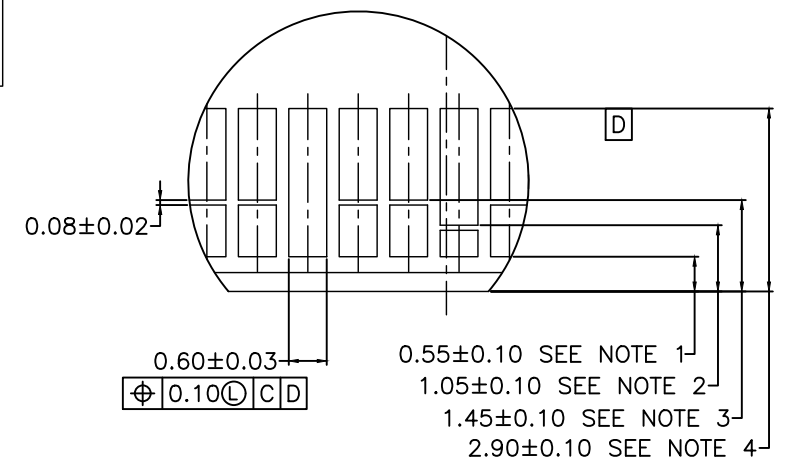
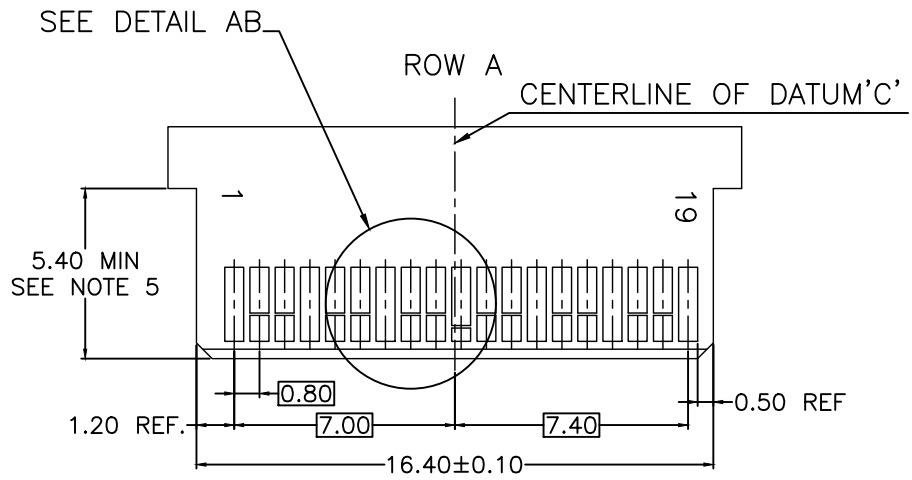
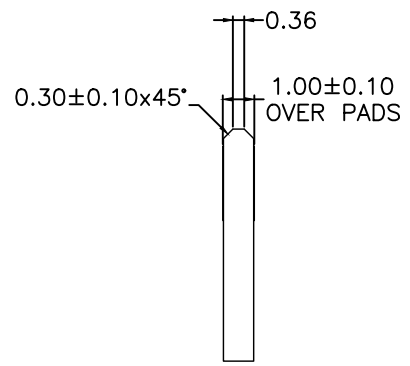
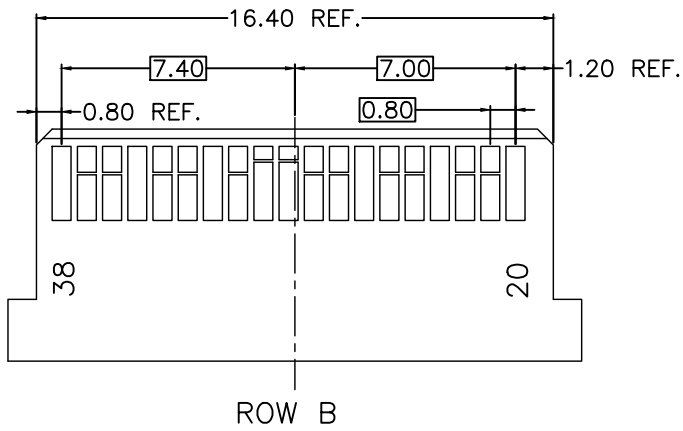
TITLE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD				
QSFP28 1X1 CONNECTOR								
PART NO. DH10-5C21H0A-00B				GENERAL TOLERANCE			UNIT:MM	SIZE: A4
DRAW	Iror	DATE	2023-03-05	.X±0.25	.X±1"	SCALE: 1:1	SHEET: 3/7	REV:A
CHECK	Iror	DATE	2023-03-05	.XX±0.13	.XX±0.5"			
APPROVE	Victor	DATE	2023-03-05	.XXX±0.05				



RECOMMENDED PCB DIMENSION TOLERANCE ± 0.05

RoHS COMPLIANT

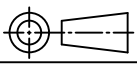
TITLE QSFP28 1X1 CONNECTOR				DELEC		东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD		
PART NO. DH10-5C21H0A-00B				GENERAL TOLERANCE			UNIT:MM	SIZE: A4
DRAW	Iror	DATE	2023-03-05	.X ± 0.25	.X $\pm 1^{\circ}$	SCALE: 1:1	SHEET: 4/7	REV:A
CHECK	Iror	DATE	2023-03-05	.XX ± 0.13	.XX $\pm 0.5^{\circ}$			
APPROVE	Victor	DATE	2023-03-05	.XXX ± 0.05				

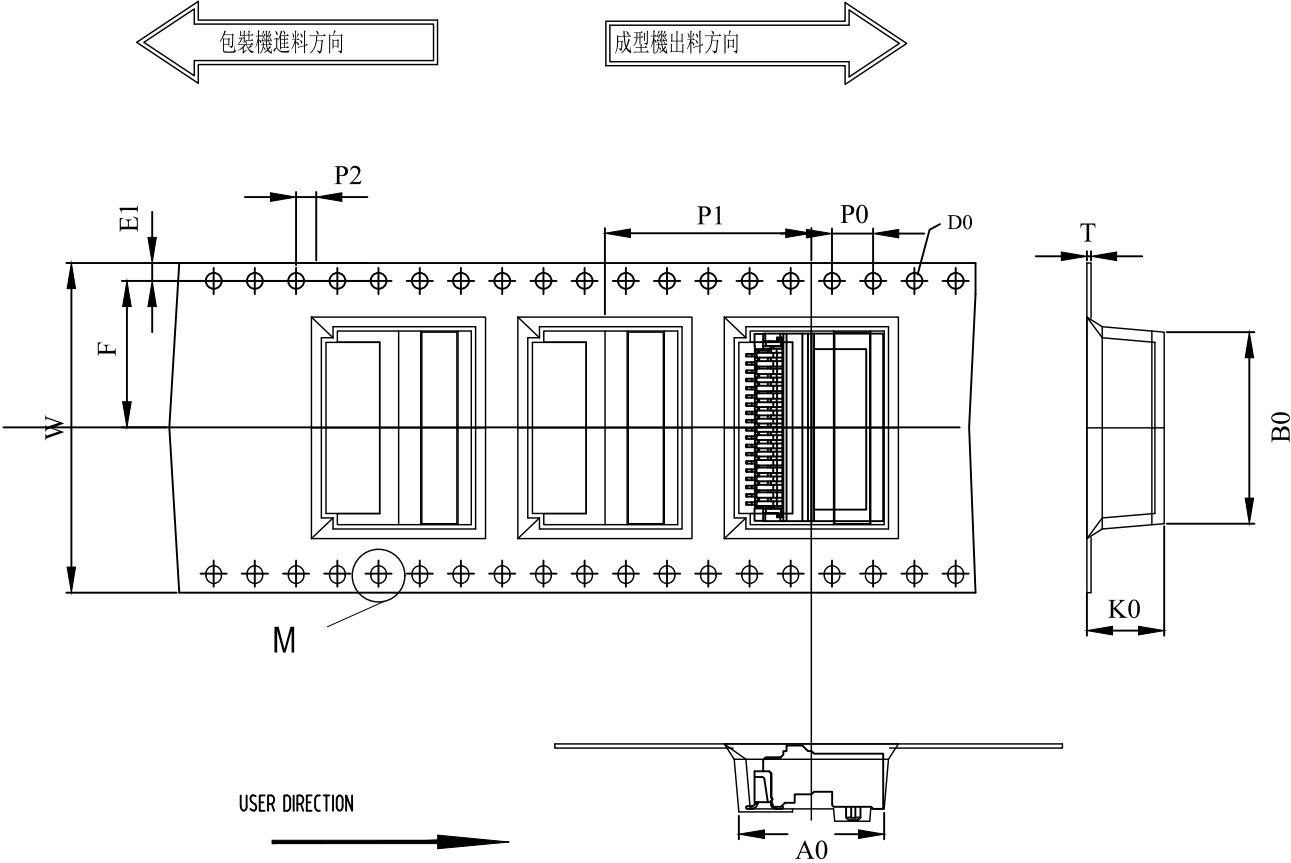


DETAIL AB
SCALE 2:1

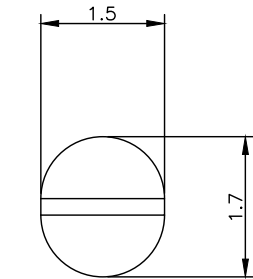
- NOTES:
1. PAD CONFIGURATION FOR FIRST MATE.
 2. PAD CONFIGURATION FOR SECOND MATE.
 3. PAD CONFIGURATION FOR THIRD MATE (HIGH SPEED SIGNALS).
 4. FOR PIN ASSIGNMENTS AND MATING SEQUENCE (1ST, 2ND, 3RD), SEE APPLICABLE SPECIFICATION.
 5. MINIMUM STEP REQUIRED IF PCB MADE WIDER THAN CARD TONGUE.

RoHS COMPLIANT

TITLE				DELEC 东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD				
QSFP28 1X1 CONNECTOR								
PART NO.				GENERAL TOLERANCE			UNIT:MM	SIZE: A4
DH10-5C21H0A-00B						SCALE: 1:1	SHEET: 5/7	REV:A
DRAW	Iror	DATE	2023-03-05	.X±0.25	.X±1"			
CHECK	Iror	DATE	2023-03-05	.XX±0.13	.XX±0.5"			
APPROVE	Victor	DATE	2023-03-05	.XXX±0.05				



- (1)任意10个扣链齿轮孔的累计误差不超过±0.20mm;
- (2)材料厚度以载带边缘测量为准;
- (3)载带长度方向250mm距离的非平行度不得超过1mm;
- (4)未注公差为:±0.1mm.
- (5)未注脱模斜度为:5°.
- (6)所有尺寸符合EIA-481-B版本。
- (7)材料:黑色 PS(聚晖)
- (8)卷轮:13"4"分体卷轮,载带长度:4.896 M/卷.
- (9)包装颗数:400PCS/卷



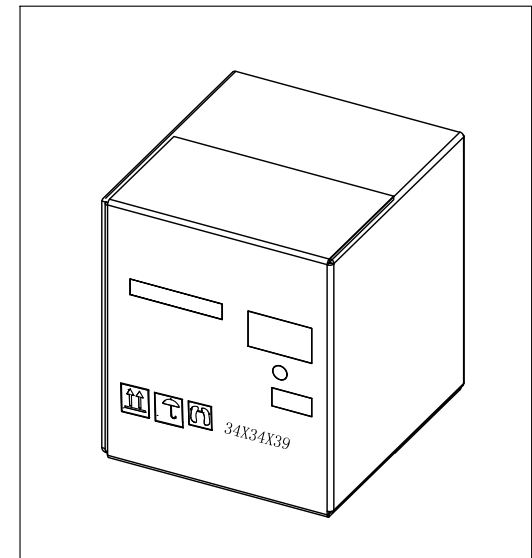
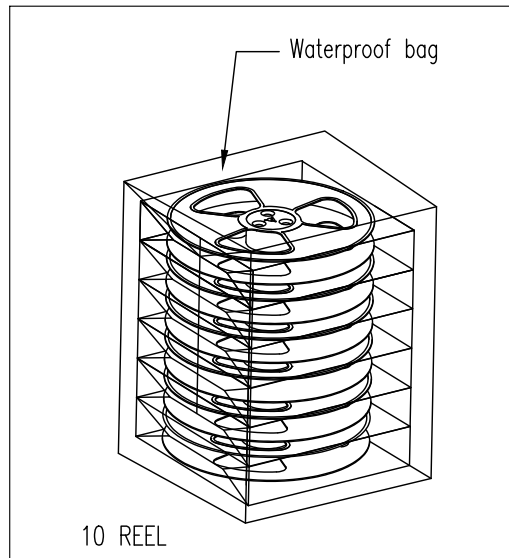
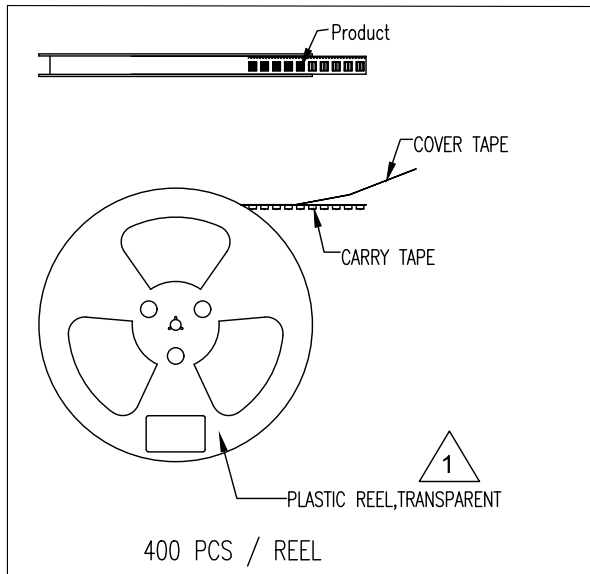
M部详图

W	± 0.30	32.00
T	± 0.05	0.40
P1	± 0.10	20.0
A0	± 0.10	13.80
B0	± 0.10	18.30
K0	± 0.10	7.70
D0	$\begin{smallmatrix} +0.10 \\ -0.0 \end{smallmatrix}$	1.50
D1	± 0.10	
F	± 0.10	14.20
E1	± 0.10	1.75
P0	± 0.10	4.00
P2	± 0.10	2.00

RoHS COMPLIANT

TITLE				DELEC					东莞多亚电子有限公司				
QSFP28 1X1 CONNECTOR									DONGGUAN DUOYA ELECTRONICS CO., LTD				
PART NO.				GENERAL TOLERANCE				UNIT:MM		SIZE: A4			
DH10-5C21H0A-00B													
DRAW	lror	DATE	2023-03-05	.X±0.25	.X±1°			SCALE: 1:1		SHEET: 6/7		REV:A	
CHECK	lror	DATE	2023-03-05	.XX±0.13	.XX±0.5°								
APPROVE	Victor	DATE	2023-03-05	.XXX±0.05									

PACKAGE INFORMATION AND LABEL



PACKING QUANTITY : 400 PCS FINISHED GOODS PER REEL.

10 REEL (4000 PCS FINISHED GOODS) PER CARTON BOX.

RoHS COMPLIANT

TITLE QSFP28 1X1 CONNECTOR				DELEC		东莞多亚电子有限公司 DONGGUAN DUOYA ELECTRONICS CO., LTD		
PART NO. DH10-5C21H0A-00B				GENERAL TOLERANCE			UNIT:MM	SIZE: A4
DRAW	Iror	DATE	2023-03-05	.X±0.25	.X±1°	SCALE: 1:1	SHEET: 7/7	REV:A
CHECK	Iror	DATE	2023-03-05	.XX±0.13	.XX±0.5°			
APPROVE	Victor	DATE	2023-03-05	.XXX±0.05				