

A-A

7	OUT SHELL	1	UC30-SN100R02	STAINLESS STEEL/Ni PLATED
6	SHELL	1	UC30-SN000R01	STAINLESS STEEL/Ni PLATED
5	MOLIDING2	1	UC30-MB000R02	THERMOPLASTIC UL94V-0
4	MOLIDING1	1	UC30-MB000R01	THERMOPLASTIC UL94V-0
3	GROUND PLATE	1	UC30-GN000R00	STAINLESS STEEL/Ni PLATED
2	DOWN CONTACT	8	UC30-TN000R01	COPPER /Au PLATED
1	UP CONTACT	8	UC30-TN000R00	COPPER /Au PLATED
ITEM	NAME	Q'TY	PART	MATERIAC/FINISH

PIN ASSINGMENT											
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	SSTXp1	SSTXn1	VBUS	CC1	Dp1	Dn1	SBU1	VBUS	SSRXn2	SSRXp2	GND
GND	SSRXp1	SSRXn1	VBUS	SBU2	Dn2	Dp2	CC2	VBUS	SSRXn2	SSTXp2	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

				UNITS: mm	GENERAL TOLERANCE		DRAW: GTP	PART NO: UC30-0B000XR5
				DATE: 05/07/2019	X. ±0.20	X.° ±2.00°	CHECKED: /	NAME TYPE C REC 16PIN CH=0
				SCALE: 5/1	.X ±0.15	.X° ±1.00°	APPROVE: FYI	DRAWING NO: C-UC30-02-00
				SHEET: 1/2	.XX ±0.10	.XX° ±0.50°	TITLE: CUSTOMER DRAWING	
REV.	ECN NO.	DESCRIPTION	DATE	REV. A4	FINISH: SEE NOTE		鸿日达科技股份有限公司 HONGRIDA ELECTRONIC TECHNOLOGY CO.,LTD.	

A

B

C

D

E

F

A

B

C

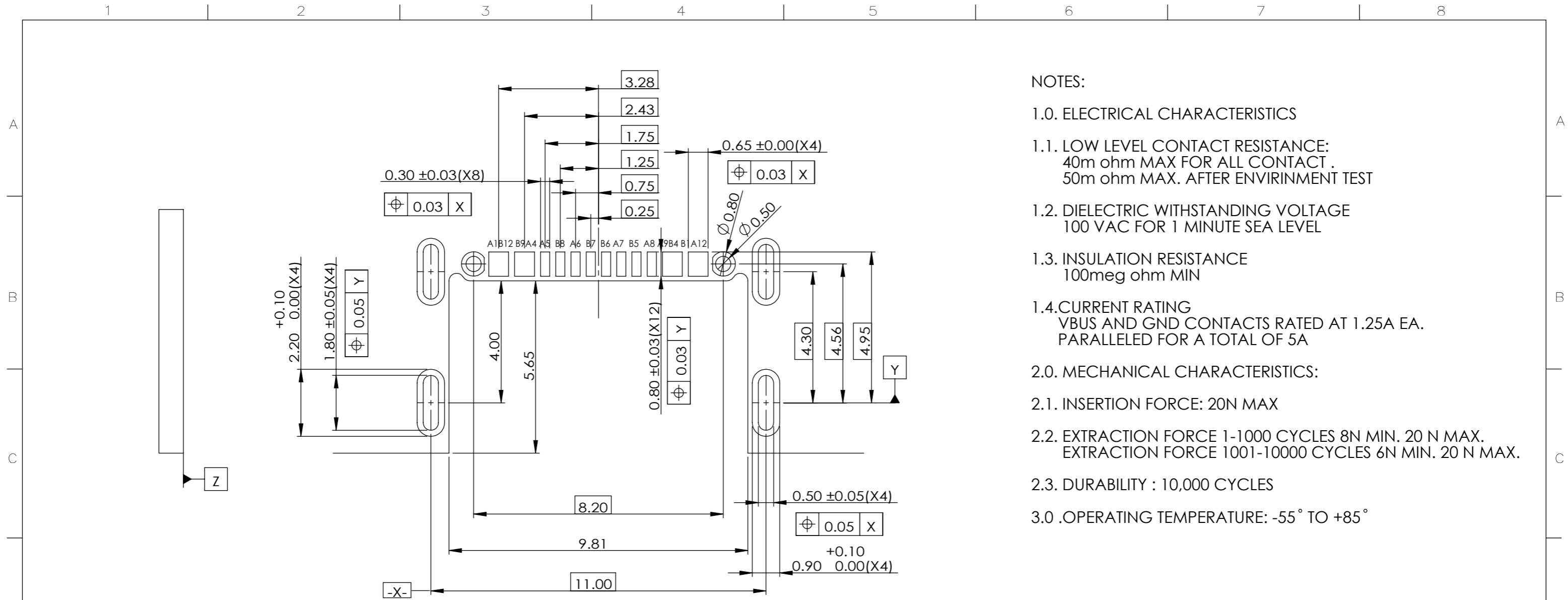
D

E

F

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8



- NOTES:
- 1.0. ELECTRICAL CHARACTERISTICS
 - 1.1. LOW LEVEL CONTACT RESISTANCE:
40m ohm MAX FOR ALL CONTACT .
50m ohm MAX. AFTER ENVIRINMENT TEST
 - 1.2. DIELECTRIC WITHSTANDING VOLTAGE
100 VAC FOR 1 MINUTE SEA LEVEL
 - 1.3. INSULATION RESISTANCE
100meg ohm MIN
 - 1.4.CURRENT RATING
VBUS AND GND CONTACTS RATED AT 1.25A EA.
PARALLELED FOR A TOTAL OF 5A
 - 2.0. MECHANICAL CHARACTERISTICS:
 - 2.1. INSERTION FORCE: 20N MAX
 - 2.2. EXTRACTION FORCE 1-1000 CYCLES 8N MIN. 20 N MAX.
EXTRACTION FORCE 1001-10000 CYCLES 6N MIN. 20 N MAX.
 - 2.3. DURABILITY : 10,000 CYCLES
 - 3.0 .OPERATING TEMPERATURE: -55° TO +85°

RECOMMENDED PCB LAYOUT
PCB THICKNESS IS 0.8mm
DEFAULT TOLERANCE +/-0.05

CONNECTOR NUMBER CODE

UC30 - 0 B 000 X R 5
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 1 2 3 4 5


1:PRODUCT DESCRIPTION:
UC30:USB 2.0 TYPE C REC ORING MIDDLE MOUNT TYPE

2:PRODUCT TYPE
0:SMT TYPE

3:COLOUR OF HOUSING
B:BLACK

4:CENTER HEIGHT
000:CH=0mm

5:CONTACT PLATING
F: GOLD FLASH ON CONTACT AREA
1: Au 5u'' ON CONTACT AREA
2: Au 15u'' ON CONTACT AREA
3: Au 30u'' ON CONTACT AREA

				UNITS: mm	GENERAL TOLERANCE		DRAW: GTP	PART NO: UC30-0B000XR5
				DATE: 05/07/2019	X. ±0.20 .X ±0.15 .XX ±0.10 .XXX ±0.05	X° ±2.00° .X° ±1.00° .XX° ±0.50°	CHECKED: /	NAME TYPE C REC 16PIN CH=0
A4	P2019121801	SMT变更为直端子	12/18/2019	SCALE: 8 / 1			APPROVE: FYI	DRAWING NO: C-UC30-02-00
A3		NEW	05/14/2019	SHEET: 2 / 2	TITLE: CUSTOMER DRAWING		 鸿日达科技股份有限公司 HONGRIDA ELECTRONIC TECHNOLOGY CO.,LTD.	
REV.	ECN NO.	DESCRIPTION	DATE	REV. A4	FINISH: SEE NOTE	