

ABIDE BY RoHS, MEETS PT ENVIRONMENTAL Q3-7584

REV.	DESCRIPTION	ECN NO.	NEW DESIGNER
A	NEW RELEASE	/	吴中超 2016.09.26
G	扩充高导电料编码	/	吴中超 2017.08.14
H	端子弹高加严管控尺寸	/	陈小军 2017.11.01

A

A

B

B

C

C

D

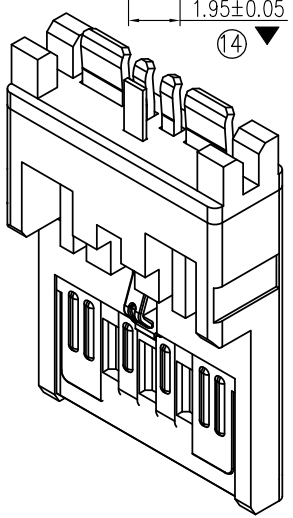
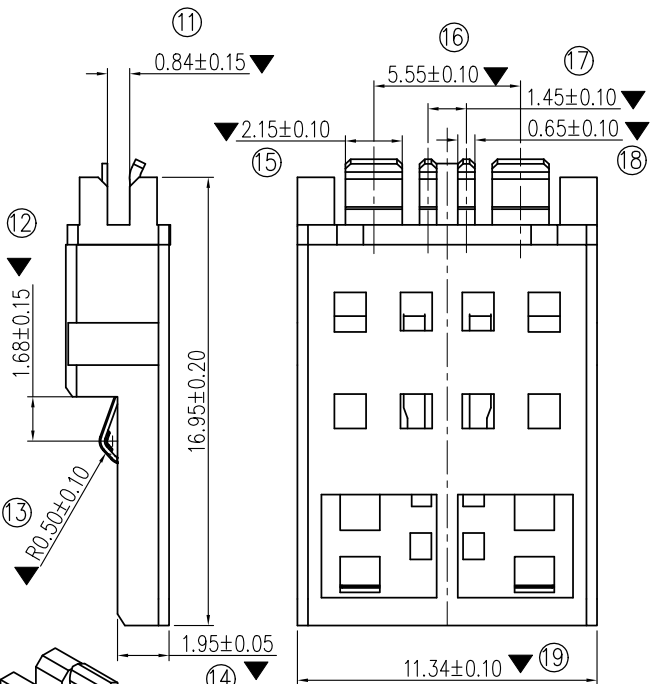
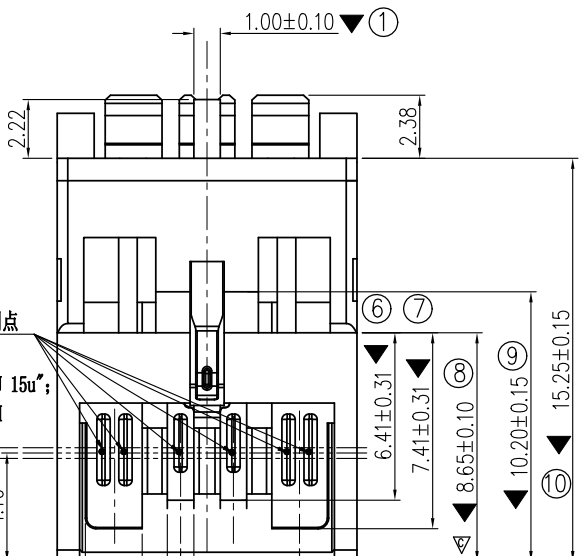
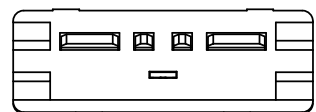
D

E

E

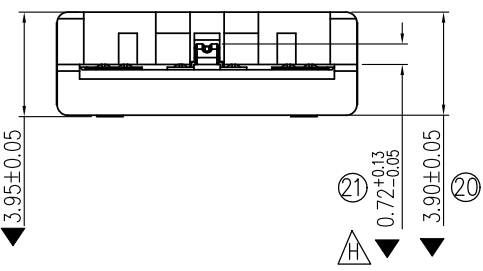
F

F



镀金测点
此区域镀金满足镀AU 15u"
其他区域GOLD FLASH

- ② 2.15±0.05(X2)
- ③ 1.00±0.05(X2)
- ④ 1.00±0.05(X2)
- ⑤ 3.50±0.05(X2)



NOTES:

1. MATERIALS:
4P MOLDING: THERMOPLASTIC+HIGH-CONDUCTIVITY COPPER ALLOYS;
1P CONTACT: PHOSPHOR BRONZE;
COVER: THERMOPLASTIC;
2. PLATING:
CONTACT: 80u" Min. NICKEL UNDERPLATING OVERALL;
PLATED GOLD 30u" Min. ON CONTACT AREA,
OR REFERENCE PART NO. CODE;
PLATED TIN 120u" Min. ON SOLDER AREA;
3. DIMENSIONAL TOLERANCE:
NOT SPECIFIED TOLERANCE, COMPLIED TO THE GENERAL TOLERANCE;
CONTROL DIMENSIONS INDICATED FORM "▼", MUST BE INSPECTED BY QC;
4. ELECTRICAL CHARACTER:
LOW LEVEL CONTACT RESISTANCE: 20mΩ Max.;
INSULATION RESISTANCE: 100MΩ Min.;
DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC;
CURRENT RATING: 8A FOR PIN1&PIN4, 0.25A FOR OTHER PIN
5. MECHANICAL CHARACTER:
INSERTION FORCE: 35N(3.6kgf)Max.;
EXTRACTION FORCE: 10N(1.02kgf)Min.;
DURABILITY: 6000 CYCLES;
6. SALT SPRAY TEST: 48 HOURS MIN.;

PART NO. CODE:

B-001-R - 5 * * * * 0 7 *

① ②③④⑤⑥ ⑦

- ① SERIES:
001-R : USB A PLUG , 5 POSITIONS SOLDER TYPE 10A
- ② POSITIONS:
5: 5 POSITIONS
- ③ COLOR OF HOUSING:
B : BLUE (PANTONE 300C)
K: BLACK
W: WHITE
C: CREAM-COLOR
G: GREEN
- ④ CONTACT PLATED:
1: PLATED Au 1u" MIN
2: PLATED Au 3u" MIN
3: PLATED Au 10u" MIN
4: PLATED Au 15u" MIN
5: PLATED Au 30u" MIN
H: PdNi 30u"and GOLD 5U"
N: PdNi 30u"and GOLD 3U"
- ⑤ MATERIAL OF COPPER ALLOY:
0 : C18080
A : C7025
B : C18400
C : C7035
D : C1814
- ⑥ MATERIAL OF INSULATOR:
1 : PBT
2 : PA-6T
3 : LCP
9 : PA9T
F : PA10T
- ⑦ OTHER :
0 : ROHS
N : HALOGEN FREE

BILL OF MATERIAL :

ITEM	PART NAME	Q'TY	DRAWING NO.	PART NO.	MATERIAL	REMARK
4	4PIN MOLDING	1	B-ST-001-R-06	B-001-R-5##0#06#	PA10T+COPPER ALLOY	
3	COVER	1	I-ST-001-R-00	I-001-R-5#00#00#	PA10T	
2	CONTACT	4	T-ST-001-R-08	T-001-R-15**0060	C5191R-H, T=0.20±0.01mm	PLATING TIN/GOLD
1	CONTACT	4	T-ST-001-R-09	T-001-R-15**0070	COPPER ALLOY, T=0.40±0.01mm	PLATING TIN/GOLD

GENERAL TOLERANCE X. ±0.38 .X ±0.25 .XX ±0.20 .XXX ±0.15	ANGLE TOLERANCE X.* ±1.8° .X.* ±0.8° .XX.* ±0.3°	NAME (INTENDED USE): CUSTOMER DRAWING	PALCONN
MAJOR (QC CHECKED) ▼ = 22 places	SCALE: 1:1	APPROVED:	
CRITICAL: ▼ = 1 places	UNIT: mm	CHECKED:	PALCONN TECHNOLOGY CO., LTD.
SHEET 1 OF 1	DESIGN:	DRAWING NO.:	TITLE: USB A PLUG , 10A 5PIN MOLDING SOLDER TYPE
			SERIES: USB 3.0 SERIES
			SIZE: A4
			DRAWING NO.: B-ST-001-R-16
			REV.: H