



GENERAL TOLERANCE	ANGLE TOLERANCE	NAME(INTENDED USE):	TITLE:
X. ±0.38	X. ±3.0°	CUSTOMER DRAWING	
.X. ±0.25	.X. ±2.0°	PART NO. CODE:	
.XX. ±0.20	.XX. ±1.0°	UTC009-C**-**	USB TYPE-C PLUG
.XXX. ±0.15			12POSITIONS SMT TYPE
MAJOR(QC CHECKED) ▼= 20 places	SCALE: 1:1	APPROVED:	SERIES: USB TYPE C
Critical: ▼= 1 places	UNIT: mm	CHECKED:	SIZE: A4
SHEET 1 OF 1	DESIGN:		DRAWING NO.: C-UTC009-00
			REV.: A

palfiCab
PALCABLES TECHNOLOGY CO.,LTD.

REV.	DESCRIPTION	ECN NO.	NEW DESIGNER
A	NEW RELEASE	\	ZXX 2018.03.19

NOTES:

1.MATERIALS:

SHELL: STAINLESS STEEL,T=0.15±0.01mm
SPRING: STAINLESS STEEL,T=0.10±0.01mm
LATCH: STAINLESS STEEL,T=0.40±0.01mm
HOUSING: THERMOPLASTIC
MOLDING1: HIGH-THERMOPLASTIC+ BRONZE , T=0.20±0.01mm
MOLDING2: HIGH-THERMOPLASTIC+ BRONZE , T=0.20±0.01mm

2. PLATING:

CONTACT: CONTACT AREA Au PLATED 30μ Min. OR REFER TO THE PART NO. CODE DEFINED. UNDER PLATE 80μ Min.NICKEL OVERALL. 120μ Min.TIN PLATING ON SOLDER TAIL
SHELL: 30μ Min. NICKEL PLATING OVERALL

3.ELECTRICAL PERFORMANCE:

INSULATION RESISTANCE: 100Mohm MIN.
CONTACT RESISTANCE: 40mohm MAX.
DIELECTRIC WITHSTANDING: 100 VAC
CURRENT RATING: 3A MIN.

4.MECHANICAL PERFORMANCE:

MATING FORCE: 5~20N
UNMATING FORCE: 8~20N
DURABILITY: 10000 CYCLES
PART NO. CODE
UTC009- C * * - * *

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① SERIES:

UTC009: USB TYPE-C SMT PLUG, 12 POSITIONS

② POSITIONS:

N: 12 POSITIONS.

③ INSULATOR COLOR:

K:BLACK

B: BLUE

W: WHITE

C: CREAM-COLOR

④ CONTACT PLATING:

- 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

⑤ ENVIRONMENT:

- O: RoHS
H: HALOGEN FREE

⑥ WAY OF PACKING:

T: TRAY

R: TAPE & REEL

B: WATERPROOF BAG