

A B C D E

RECOMMENDED P.C.B LAYOUT(PCB THICKNESS: 1.6mm)
COMPONENT SIDE VIEW(TOLERANCE: ±0.05)

1.MATERIAL:
 1.1 D-SUB INSULATOR: PBT, UL94V-0; COLOR: BLUE
 USB INSULATOR: PBT, UL94V-0; COLOR: BLACK.
 1.2 BRACKET: PBT, UL94-0, COLOR: BLACK.
 1.3 ALL CONTACT: BRASS.
 1.4 D-SUB SHELL: SPCC.
 1.5 USB SHELL: STEEL.
 1.6 BOARDLOCK: BRASS.
 1.7 SCREW: COPPER ALLOY.

2.FINISH:
 2.1 CONTACT: GOLD FLASH PLATED IN CONTACT AREA
 80µ" MIN. TIN PLATED IN SOLDER AREA
 30µ" MIN. NICKEL UNDERPLATED OVERALL.
 2.2 D-SUB SHELL: 50µ" MIN. NICKEL PLATED OVERALL.
 2.3 USB SHELL: 80µ" MIN. TIN PLATED ENTIRE.
 30µ" MIN. NICKEL UNDERPLATED OVERALL.
 2.4 BOARDLOCK: 100µ" MIN. TIN PLATED IN SOLDER AREA.
 50µ" MIN. NICKEL UNDERPLATED OVERALL.
 2.5 SCREW: 50µ" MIN. NICKEL PLATED OVERALL.

3.ELECTRICAL CHARACTERISTICS
 3.1 D-SUB
 3.11 VOLTAGE RATING: 250V.
 3.12 CURRENT RATING: 3.0 A.
 3.13 CONTACT RESISTANCE: 25mΩ MAX.
 3.14 INSULATION RESISTANCE: 1000MΩ MIN .
 3.15 DIELECTRIC WITHSTANDING VOLTAGE: AC 500V PER MINUTE.
 3.16 OPERATING TEMPERATURE: -55°C ~ +85°C.

3.2 USB
 3.21 CURRENT RATING: 1.0 A.
 3.22 CONTACT RESISTANCE: 25mΩ MAX.
 3.23 INSULATION RESISTANCE: 1000MΩ MIN .
 3.24 DIELECTRIC WITHSTANDING VOLTAGE: AC 500V PER MINUTE.
 3.25 OPERATING TEMPERATURE: -40°C ~ +60°C.

4.NOTES:
 4.1 THIS COMPONENT AND ITS HOMOGENEOUS
 SUBCOMPONENTS ARE RoHS 2.0 + REACH COMPLIANT.
 4.2 RESISTANCE TO SOLDERING HEAT: 235°C FOR 5 SECONDS,
 AND ONLY FOR WAVE SOLDERING PROCESS.
 4.3 THE DIMENSIONS OF USB MEET USB 2.0 STANDARD SPECIFICATION.

TRAY	ACNCB210102-001
PACKING	CPC P/N.

REV.	DESCRIPTION	ECN NO.	NAME	DATE	DIM.	TOL.
C1	ADD PACKING DRAWING	ECN1507002	Duke	21-JUL-2015		
CO	MODIFY USB SHELL PLATED	N1506010	Duke	25-JUN-2015	X.	± 0.50
BO	MODIFY USB	N1504008	Duke	11-JUN-2015	X.X	± 0.30
A1	MODIFY DIMENSION AND MATERIAL	N1310011	Tom	27-NVO-2013	X.XX	± 0.25
					X.XXX	± 0.15
					ANGL	± 3°

TITLE:
D-SUB 15P + 2* USB2.0 A TYPE
4P R/A DIP REC H31.62

DWG. NO.:
C = ACNCB210102

UNIT: mm DWG SIZE: A4 SCALE: none SHEET: 1 OF 2

DRAWN: Duke
 CHECKED: Penny
 APPROVED: Peter

RFQ NO.: Q1308081

REVISIONS

ARTICLE: CPC-CN-001-C

THIS DRAWING IS A CONTROLLED DOCUMENT.

A

B

C

D

E

1

2

3

4

5

CARDBOARD

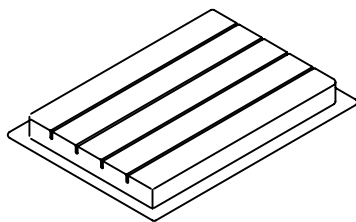
CARDBOARD

INNER CARTON

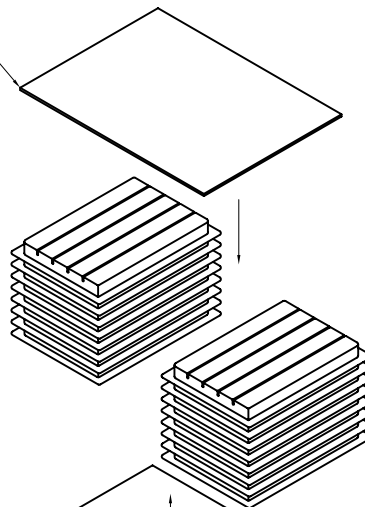
OUTER CARTON

NOTES:

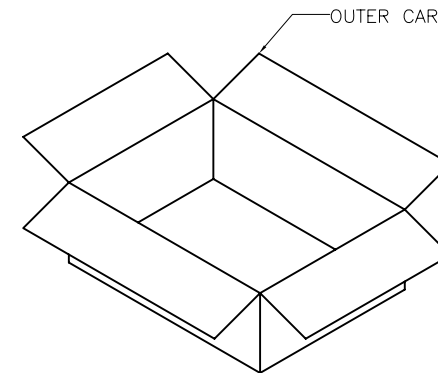
- 1. INNER CARTON DIMENSION: L465*W320*H260mm;
INNER CARTON MATERIAL: A=A.
- 2. OUTER CARTON DIMENSION: L485*W340*H290mm;
OUTER CARTON MATERIAL: A=A.



NO.1 40PCS/TRAY



NO.2 16 TRAYS /INNER CARTON



NO.3 640PCS/OUTER CARTON

TRAY	ACNCB210102-001
PACKING	CPC P/N.

REV.	DESCRIPTION	ECN NO.	NAME	DATE
A0	FIRST RELEASED	-	Duke	21-JUL-2015

REVISIONS

DIM.	TOL.
X.	± -
X.X	± -
X.XX	± -
X.XXX	± -
ANGL	± °

TITLE: D-SUB 15P + 2* USB2.0 A TYPE 4P R/A DIP REC H31.62			
DWG. NO.: C=ACNCB210102-K1			
UNIT: mm	DWG SIZE: A4	SCALE: none	SHEET: 2 OF 2

DRAWN: Duke
CHECKED: Penny
APPROVED: Peter

RFQ NO.: Q1308081