

RoHS Compliant

REVISIONS

REV.	DESCRIPTION	DATE	DESIGN

NOTES:

- MATERIAL SPECIFICATION
 - USB MATERIAL SPECIFICATION
 - HOUSING & SPACER: PBT
 - CONTACTS: COPPER ALLOY
 - HDMI MATERIAL SPECIFICATION
 - HOUSING & SPACER: LCP BLACK;UL94V-0
 - CONTACTS;COPPER ALLOY
 - SHELL: COPPER ALLOY
 - SHELL: STEEL
- PLATING SPECIFICATION
 - CONTACTS:
Ni UNDER PLATED,GOLD FLASH PLATED ON THE FUNCTIONAL AREA OF CONTACTS AND ETIN PLATING ON SOLDER TALL.
 - SHELL: NICKEL PLATING OVER ALL.
 - HDMI SHELL Ni PLATING
- MECHANICAL PERFORMANCE
 - USB MECHANICAL PERFORMANCE
 - INSERTION FORCE:35N MAX
 - REMOVAL FORCE:10~35N . INITIALLY:
0.8kgf MIN. AFTER THD SPECIFIED INSERTION EXTRACTION, OR DURABILITY CYCLES
 - HDMI MECHANICAL PERFORMANCE
 - INSERTION FORCE: 44.1N(4.5kgf) MAX
 - REMOVAL FORCE: 9.7N~39.2N.
- MECHANICAL PERFORMANCE
 - USB ELECTRICAL PERFORMANCE
 - INSULATION RESISTANCE: 100M Ω MIN
 - DIELECTRIC WITHSTAND VOLTAGE;
AC 100V FOR 1 MINUTE
 - CONTACT CURRENT RATING: 1.8A MAX.
 - HDMI ELECTRICAL PERFORMANCE
 - CURRENT RATING:0.5A PER PIN MIN
 - INSULATION RESISTANCE:100M Ω MIN
 - DIELECTRIC WITHSTAND VOLTAGE:
AC 500V FOR 1 MINUTE

USB3.0 Pin Assignments

Pin Number	Signal Name	Pin Number	Signal Name
1	VBUS	5	STDA_SSRX-
2	D-	6	STDA_SSRX+
2	D+	7	GND_DRAIN
4	GEN	8	STDA_SSTX-
SHELL	SHIELD	9	STDA_SSTX+

HDMI A TYPE Pin Assignments

Pin Number	Signal Name	Pin Number	Signal Name
1	TMDS DATA 2+	2	TMDS DATA2 Shield
3	TMDS DATA 2-	4	TMDS DATA1+
5	TMDS DATA1 Shield	6	TMDS DATA1-
7	TMDS DATA0+	8	TMDS DATA0 Shield
9	TMDS DATA0-	10	TMDS Clock+
11	TMDS Clock Shield	12	TMDS Clock-
13	CEC	14	Utility
15	SCL	16	SDA
17	DDC/CEC Ground	18	+5V Power
19	Hot Plug Detect		

PART NO. INFORMATION

HDU30- X 5 0 X - 015

CONTACT PLATED

1: G/F 2: AU 3U"
3: AU 6U" 4: AU 15U"
5: AU 30U"

PACKAGE
R: TAPE REEL
T: TRAY

Bestcreate Technology Limited

TOLERANCES UNLESS OTHERWISE SPECIFIED:

.X	± 0.35	X.	± 3'
.XX	± 0.25	.X.	± 2'
.XXX	± 0.15	.XX.	± 1'

Website:www.bsc-elec.com

Email:bestcreate@bsc-elec.com

DESIGN: DATE:

I. L 2017. 3. 1

CHECKED: DATE:

C. W 2017. 3. 1

APPROVED: DATE:

C. W 2017. 3. 1

TITLE:

USB 3.0 AF + HDMI 2.1 FEMALE DIP TYPE CONNECTOR

MATERILA:

FINSH:

PART NO:

DWG NO:

RJTC01-X50X-015

RJTC01-X50X-015

SIZE:

A4
1 OF 1

REV:

A

UNIT

mm

SCALE

1=1

QUALITY
SYMBOLS

