

RoHS COMPLIANT

REV.	DESCRIPTION	ECN NO.	DWN.	CHK.	APVD.	DATE
A			Xie	Long	Zhou	2015.01.27

SPECIFICATION

MATERIAL

Shell: Nickel

Insulation: LCP (Black)

STANDARD DATA

Rating current: 1.5A

ELECTRICAL

Insulator resistance: 100M ohms Min

Withstanding voltage: 100 VAC / minute

Contact resistance: 40 m ohms Max.

MECHANICAL

Mating force: 5~20N.

Unmating force: 8~20N.

Durability: 10000 cycles Min.

PART NO.

USBS-C1E-BGx-R

— 0 = Gold flash selective gold

3 = 30μ" selective gold, 50μ" nickel

PIN	Signal Name	PIN	Signal Name
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

ITEM 項目	PARTS NAME 零件名稱	Q'TY 數量	MATERIAL 材質	FINISH/REMARK 處理/備註
1	Insermold housing	1	SYNTHETIC RESIN	Black
2	12pin Insermold-(1)	1	SYNTHETIC RESIN	Black
3	12pin Insermold-(2)	1	SYNTHETIC RESIN	Black
4	SHELL	1	STAINLESS	Ni: 20u" Gold flash
5	12pin Contact-(DIP)	12	COPPER ALLOY	Gold flash on contact area 100u" Th on solder tabs, base Min:40u 50u"
6	12pin Contact-(SMT)	12	COPPER ALLOY	Gold flash on contact area 100u" Th on solder tabs, base Min:40u 50u"
7	Shield SHELL	1	STAINLESS	Ni: 20u"
8	Ground plate-top	1	STAINLESS	Ni: 20u"
9	Ground plate-bottom	1	STAINLESS	Ni: 20u"

DIMENSIONS: ☐ $\overline{\text{mm}}$ ☐ INCH ☒ $\overline{\text{mm}}$ ONLY									
UNLESS OTHERWISE SPECIFIED GENERAL TOLERANCE: <table border="0"> <thead> <tr> <th>DECIMALS</th> <th>ANGLES</th> </tr> </thead> <tbody> <tr> <td>X. ± 0.38 [0.015]</td> <td>X° $\pm 3^\circ$</td> </tr> <tr> <td>.X ± 0.25 [0.010]</td> <td>.X° $\pm 1.0^\circ$</td> </tr> <tr> <td>.XX ± 0.13 [0.005]</td> <td></td> </tr> </tbody> </table>		DECIMALS	ANGLES	X. ± 0.38 [0.015]	X° $\pm 3^\circ$	.X ± 0.25 [0.010]	.X° $\pm 1.0^\circ$	.XX ± 0.13 [0.005]	
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MATERIAL:									
FINISH:									

CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE
DRAWN BY AND DATE JACK CHEN 2010-06-08
CHECKED BY AND DATE JUSTIN XING 2010-06-08
APPROVED BY AND DATE FRANKY CHEN 2010-06-08
THIRD ANGLE PROJECTION

THIRD ANGLE PROJECTION	
	
SCALE:	SIZE: A2

gtk  **GTK UK LTD.**

TITLE	USB 3.1 TYPE C RECEPTACLE
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DRAWING NO. USBP-C1E-BGx-R

REV
A

FILE NO.:	SHEET 1 OF 1
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