

SPECIFICATION:		1P*28AWG+2C*24AWG+AL.Mylar+Braid		USB2.0	CONSTRUCTION		D. W. G.
ITEM		SPECIFICATION					
CONDUCTOR	AWG	28AWG		24AWG			
	MATERIAL	TINNED COPPER		TINNED COPPER			
	COND.SIZE	7/0.127±0.008mm		7/0.20±0.008mm			
INSULATION	MIN.AVG.THICK	0.23mm		0.23mm			
	MATERIAL	HD-PE		SR-PVC			
	O D	0.90±0.05mm		1.10±0.05mm			
	NO.	1P		2C			
Face Outside AL.MYLAR	COVERAGE	100%					
	OVERLAP	25%MIN					
DRAIN	AWG	/					
	MATERIAL	/					
	SIZE	/					
BRAID COPPER	MATERIAL	Magnesium aluminum meral alloy					
	SIZE	16*6/0.12±0.008mm(90%)					
JACKET	MIN.AVG.THICK	0.40mm(REF)					
	MATERIAL	HALF MATT PVC					
	COLOUR	BLACK					
	OD	4.40 ± 0.3mm					
					COLOUR CODE:		
					1P: 1.GREEN * WHITE 2C: 1.RED 2.BLACK		
					MARKING		
					USB SHIELDED HIGH SPEED CABLE 2.0 REVISION		
ELECTRICAL CHARACTERISTICS		PHYSICAL PROPERTIES OF JACKET			REMARK		
1.Rating :TEMP60℃ VOL30V 2.Conductor Resistance : at 20℃ (MAX) 28AWG <239Ω/KM, 24AWG<94.2Ω/KM 3.Impedance(Differential): 90Ω±15% ;at TDR (Common mode):30Ω±30% ;at TDR 4.Delay(Full-/high-speed): <26ns/cable ; at TDR 5.Attenuation : 0.064MHz <0.08dB/cable 0.256MHz <0.11dB/cable;0.512MHz < 0.13dB/cable 0.772MHz <0.15dB/cable; 1MHz < 0.20dB/cable 4MHz <0.39dB/cable; 8MHz < 0.57dB/cable 12MHz <0.67dB/cable; 24MHz < 0.95dB/cable 48MHz <1.35dB/cable; 96MHz < 1.90dB/cable 200MHz <3.20dB/cable; 400MHz < 5.80dB/cable6.Cable Skew:100ps MAX 7.Length of using:2.7meter/cable MAX		1.Tensile Strength: Unaged: 1500PSI min Aged: 70% min 2. Elongation: Unaged: 100% min Aged: 65% 3. Heat shock test: NO CRACKING 4. Cold bend test: NO CRACKING 5. Deformation test: MAX 50% 6. Flame test: PASS VW-1			RoSH&SS00259		
					CZT 苏州意华通讯接插件有限公司 SUZHOUYIHUA COMMUNICATED CONNECTOR CO., LTD		
		PART NO.					
APPROVED				CUSTOMER			
CHECKED				REV.		1	
DRAWING		Sun Xiang		DATE		13-07-05	

1

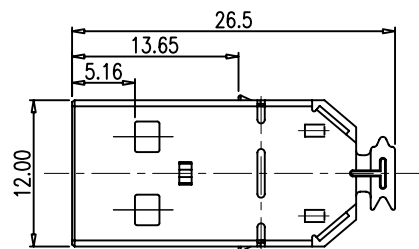
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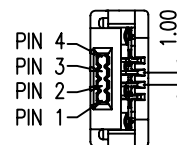
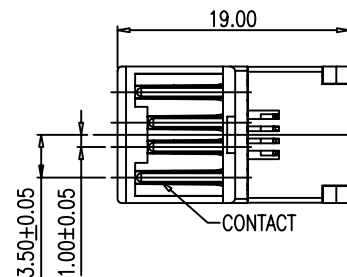
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REV.	ECN. NO.	DESCRIPTION	DATE
A.0		NEW RELEASE	2012/04/09

SHELL



PLUG

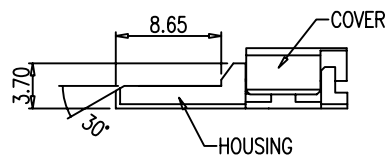
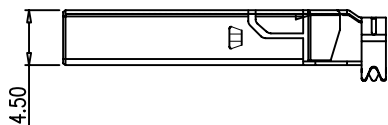


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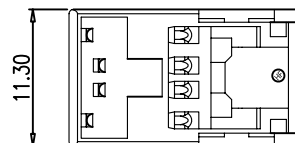
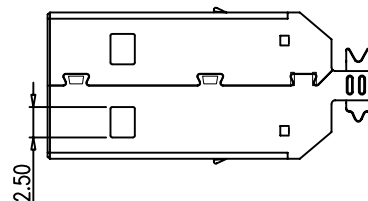
- 1.Shell plate spec: SPCC Plated Nickel 60 μ MIN
- 2.Housing color: WHITE
- 3.Contact plate spec:Gold plating G/F

Specification:

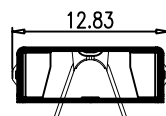
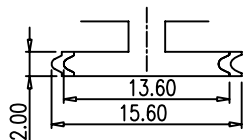
- 1.Current Rating:1.5AMP at 250V AC Voltage Rating:30V
- 2.Insulation Resistance:1000M Ω MIN
- 3.Contact Resistance:30m Ω MAX
- 4.Dielectric withstanding Voltage:500V AC
- 5.Temperature Range:-20 $^{\circ}$ C to 60 $^{\circ}$ C



C



D



4	Shell	SPCC	1	Plating NI T=0.3mm
3	Cover	P.B.T	1	UL94V-0 30% GLASS FILLED Seagreen
2	Housing	P.B.T	1	UL94V-0 30% GLASS FILLED Seagreen
1	Contact	C2680	4	Gold Plating T=0.25mm
NO.	VARIETY	MATERIAL	QT,Y	REMARK

CZT[®]

SUZHOU YIHUA COMMUNICATED CONNECTOR CO.,LTD.

NAME:

USB A TYPE



Critical Dim.



Major

DRAWN BY

EVAN

DATE

2012/04/09

TITLE:

CUSTOMER DWG

GENERAL TOLERANCE

X. ± 0.50 .X ± 0.20 .XX ± 0.10 .XXX ± 0.05

ANGLE TOLERANCE

X. $\pm 5^{\circ}$.X $\pm 4^{\circ}$.XX $\pm 3^{\circ}$

CHECKED BY

NIE

DATE

2012/04/09

APPROVED BY

CHEN

DATE

2012/04/09

DRAWING NO.

CUS06ZE

UNIT

mm



SCALE

2 : 1

SIZE

A4

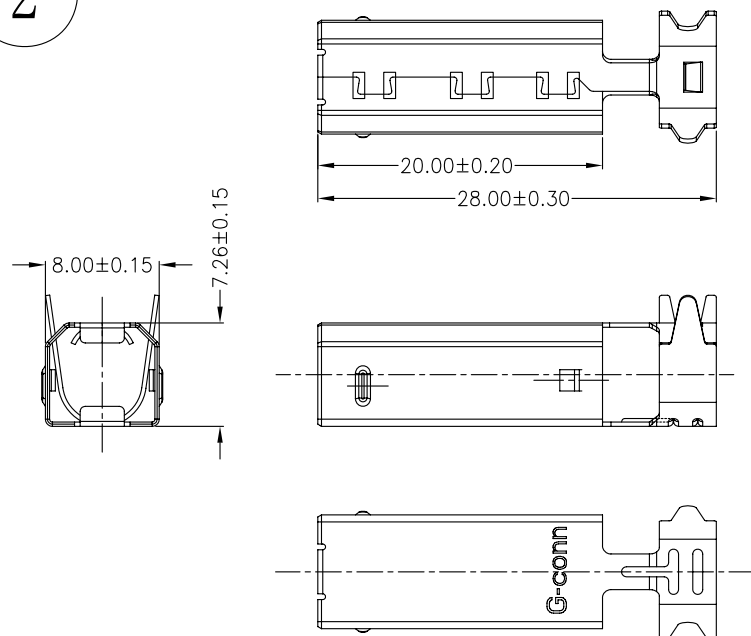
REV.

A0

PAGE

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List 1-1

序号	料 号	线径:OD
1	SB-012T	OD:5.0

REV	DESCRIPTION	DATE	ECN	CHANGE
A/0	The last word	11.09.06		JACK

P/N NOTE:

BB-011W1-H

Back Plug colour:
B=Black, W=White, R=Red, H=Gray S=Deep yellow
D=Blue

Contact plate spec:
1=G/F 3=3u" 4=5u" 5=15u" 6=30u"

Housing colour:
B=Black, N=Nature, W=White

Specification: 1, 2, 3.....

SB-012T-XX

Shell plate spec:
□ =Nickel plated,T=Tin plated,Q=Gold Plating

Salt spray test by time:
□=24H,1=8H,2=12H,3=18H,5=48H

OD: 1=OD 4.0; 2=OD 5.0; 3=OD 3.0

Specification

1.Current Rating:1.5AMP at 250V AC
Voltage Rating:30V

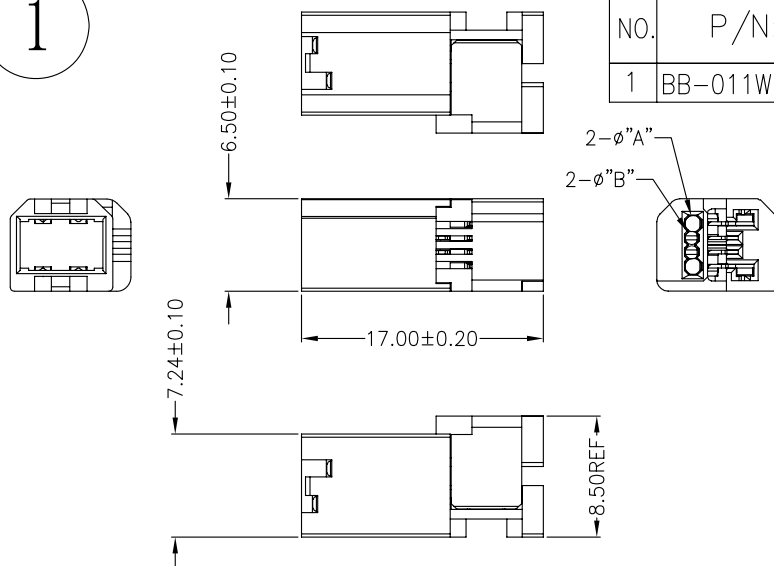
2.Insulation Resistance:1000MΩ Min

3.Contact Resistance:30mΩ Max

4.Dielectric Withstanding Voltage:500V AC

5.Temperature Range:-20°C to +60°C

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List 2-1

NO.	P/N:	Back Plug color	Size Back Plug"A"	Size Back Plug"B"
1	BB-011W1-H	Gray	1.20X2	0.9X2

2	SB-012T	Shell	SPCC	1	T=0.30 Plating nickel
1	BB-011W1-H	Back Plug	PBT	1	UL94V-0 30% GLASS FILLED Gray
		Housing	PBT	1	UL94V-0 30% GLASS FILLED White
		Contact	C2680	4	Gold Plating T=0.25
NO.	Part number	VARIETY	MATERIAL	QT,Y	REMARK

G-conn Precision Electronic Co.,Ltd.

X. ±0.38	X.* ±4"	UNIT:	mm	DR:	JACK	TITLE:	USB B TYPE(MALE) Pierce the wiring methods		
.X ±0.25	.X* ±2"	3RD:	⊕ ⊖	DE:	JACK				
.XX±0.20	.XX"	SCALE:	1:1	CHKD:		SHEET:	1/1	P/N:	BB-011W1-H/SB-012T
.XXX±0.10	.XXX"								