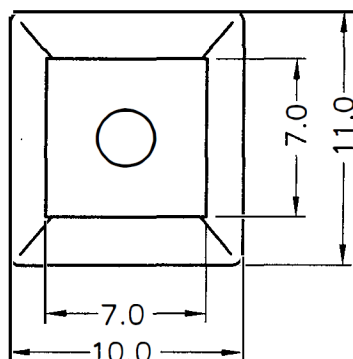
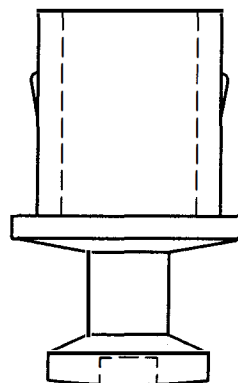
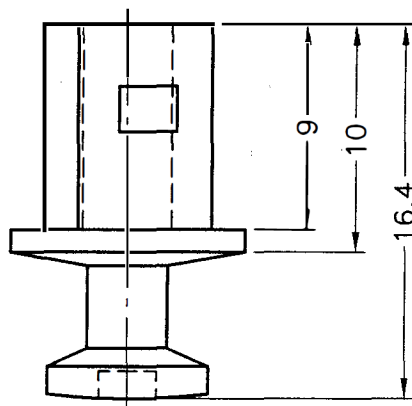
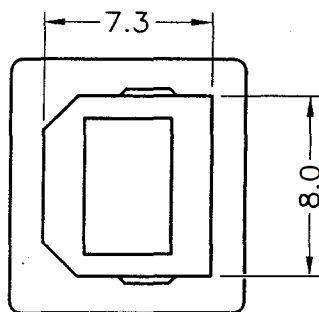


成型尺寸	公差
5mm 以下	±0.2
5~20mm	±0.3
20~40mm	±0.4
40~60mm	±0.5
60~100mm	±0.8
100mm 以上	±1.0

REVISIONS			
REV	DESCRIPTION	DATE	BY



PART NO.	COLOR
USBC-1	BLACK

QMF22 Component - Plastics
FORMOSA CHEMICALS & FIBRE CORP
PLASTICS DIV 201 TUNG HWA N RD TAIPEI 105 TAIWAN
Material Designation: AG15E1

Friday, October 24, 2003

E162823

Product Description: Acrylonitrile Butadiene Styrene (ABS), designated "TAIRILAC" furnished as pellets.

Color	Min. Thick. (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str	IEC GWIT	IEC GWFI
ALL	1.6	HB	5	0	60	60	60	-	-
	3	-	-	-	60	60	60	-	-
CTI: 0		HVTR: 0		D495: 6		IEC Ball Pressure (°C): -			

Dielectric Strength (kV/mm): -

Volume Resistivity (10⁹ohm-cm): -

Dimensional Stability(%): -

ISO Tensile Strength (MPa): -

ISO Flexural Strength (MPa): -

ISO Heat Deflection (°C): -

ISO Tensile Impact (kJ/m²): -

ISO Izod Impact (kJ/m²): -

ISO Charpy Impact (kJ/m²): -

Report Date: 11/1/1995

Underwriters Laboratories Inc®

UL94 small-scale test data does not pertain to building materials, furnishings and related contents. UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in components and parts of end-product devices and appliances, where the acceptability of the combination is determined by ULI.

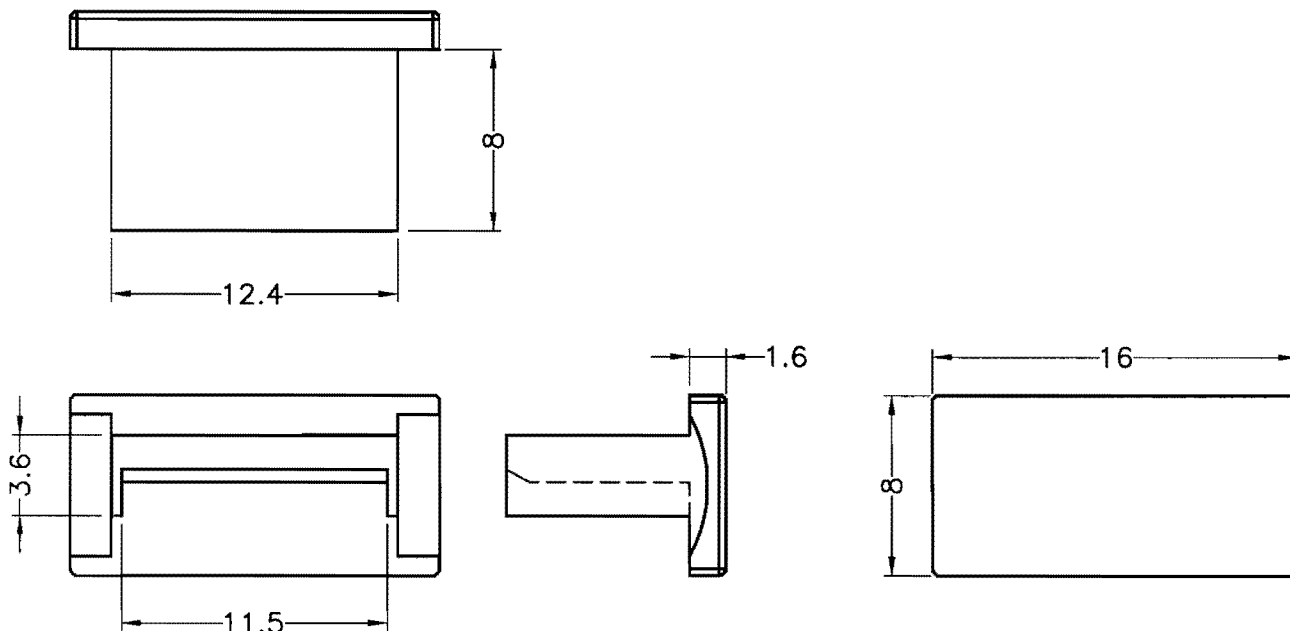
the **vital**
component

TITLE	USBC-1	產品規格圖面
MATERIAL	ABS	DATE 2001.06.08
FINISH		DRAWN JASON
COLOR	SEE ABOVE	CHECK 陳明得
UNLESS OTHERWISE SPECIFIED TOLERANCE	SEE ABOVE	APPROVED Kang

PART NUMBER SEE ABOVE	DRAWING NUMBER USBC-1
SIZE A4	SCALE 3:1
UNIT mm	REV C

成型尺寸	公差
5mm以下	±0.2
5~20mm	±0.3
20~40mm	±0.4
40~60mm	±0.5
60~100mm	±0.8
100mm 以上	±1.0

REVISIONS			
REV	DESCRIPTION	DATE	BY



QMFZ2 Component - Plastics

Friday, October 24, 2003

E162823

FORMOSA CHEMICALS & FIBRE CORP

PLASTICS DIV 201 TUNG HWA N RD TAIPEI 105 TAIWAN

Material Designation: AG15E1

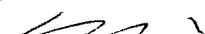
Product Description: Acrylonitrile Butadiene Styrene (ABS), designated "TAIRILAC" furnished as pellets.

Color	Min. Thick. (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str	IEC GWIT	IEC GWFI
ALL	1.6	HB	5	0	60	60	60	-	-
	3	-	-	-	60	60	60	-	-
CTI: 0		HVTR: 0		D495: 6		IEC Ball Pressure (°C): -			
Dielectric Strength (kV/mm): -				Volume Resistivity (10 ¹⁰ ohm-cm): -				Dimensional Stability(%): -	
ISO Tensile Strength (MPa): -				ISO Flexural Strength (MPa): -				ISO Heat Deflection (°C): -	
ISO Tensile Impact (kJ/m ²): -				ISO Izod Impact (kJ/m ²): -				ISO Charpy Impact (kJ/m ²): -	

Report Date: 11/1/1995

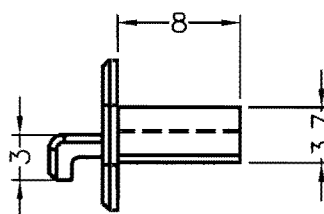
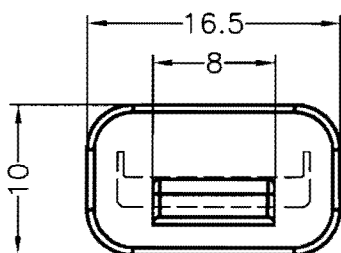
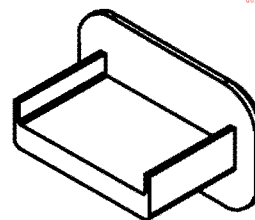
Underwriters Laboratories Inc®

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the vital component				TITLE USBC-11(B)		產品規格圖面	
				MATERIAL ABS UL94HB		DATE 2009.10.15	
				FINISH		DRAWN Eric	
				COLOR BLACK		CHECK 童智遠	
PART NUMBER USBC-11(B)		DRAWING NUMBER USBC-11		UNLESS OTHERWISE SPECIFIED TOLERANCE SEE ABOVE		APPROVED 	
SIZE A4	SCALE 3:1	UNIT mm	REV B				

DIM.	TOL
L≤10	±0.2
10<L≤30	±0.3
30<L≤50	±0.5
50<L≤100	±0.7
100<L≤250	±1.2
ABOVE 250	±1.5

REVISIONS			
REV	DESCRIPTION	DATE	BY



QMFZ2 Component - Plastics
 NAN YA PLASTICS CORP PLASTICS 4TH DIV
 3RD FL 201 TUNG HWA NORTH RD TAIPEI TW
 Material Designation: 3117(f1)

Friday, October 24, 2003

E130155

Product Description: Polypropylene (PP), furnished as pellets, sheets.

Color	Min. Thick. (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str	IEC GWIT	IEC GWFI
ALL	1.5	HB	3	0	125	125	125	-	-
	3	HB	2	0	125	125	125	-	-

CTI: 0	IEC CTI:	HVTR: 0	D495: 4	IEC Ball Pressure (C)
Dielectric Strength (kV/mm):	Volume Resistance (10 ¹² ohm-cm):	Dimensional Stability(%)	ISO Heat Deflection (C):	ISO Charpy Impact (kJ/m ²):
ISO Tensile Strength (MPa):	ISO Flexural Strength (MPa):	ISO Heat Deflection (C):	ISO Charpy Impact (kJ/m ²):	
ISO Tensile Impact (kJ/m ²):	ISO End Impact (kJ/m ²):			

Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.

Report Date: 1/28/1991

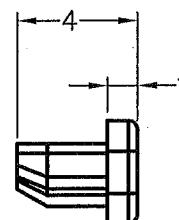
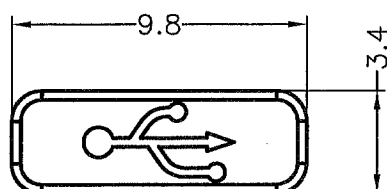
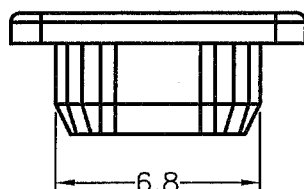
Underwriters Laboratories Inc®

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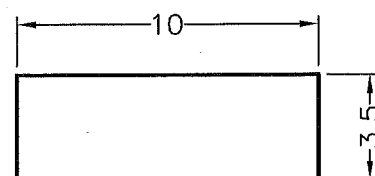
the vital component				TITLE USBC-14(B)		產品規格圖面	
				MATERIAL PP		DATE 2010.07.23	
PART NUMBER USBC-14(B)				FINISH		DRAWN JIM	
DRAWING NUMBER USBC-14				COLOR BLACK		CHECK 	
SIZE A4	SCALE 2:1	UNIT mm	REV A	UNLESS OTHERWISE SPECIFIED TOLERANCE SEE ABOVE		APPROVED 	

DIM.	TOL.
L≤10	±0.2
10<L≤30	±0.3
30<L≤50	±0.5
50<L≤100	±0.7
100<L≤250	±1.2
ABOVE 250	±1.5

REVISIONS			
REV	DESCRIPTION	DATE	BY



PART NO.	COLOR
USBC-15(B)	BLACK



MOUNTING HOLE

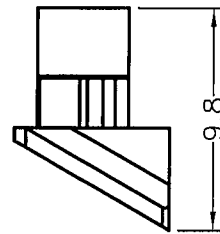
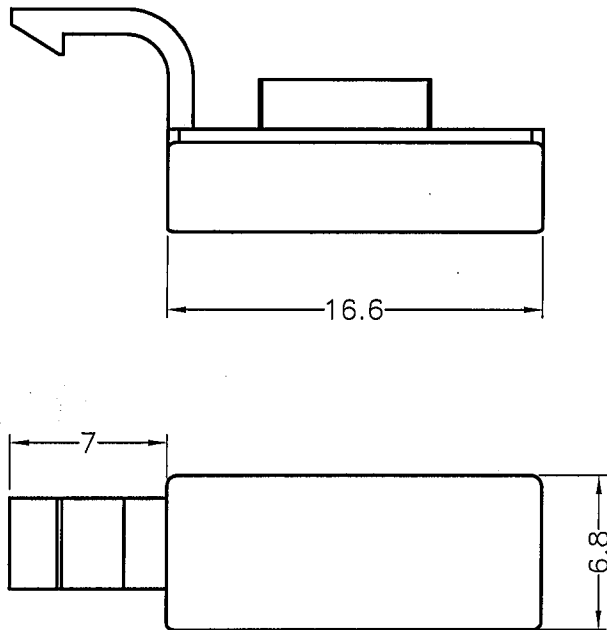
NOTE: All measurement does not include gate which raises under 1.2mm.

**the vital
component**

PART NUMBER SEE ABOVE		DRAWING NUMBER USBC-15		TITLE USBC-15(B)	SPEC. DWG
SIZE A4	SCALE 4:1	UNIT mm	REV C	MATERIAL TPE	DATE 2011.04.12
FINISH MICRO USB CONNECTOR COVER				COLOR SEE ABOVE	DRAWN SAI
UNLESS OTHERWISE SPECIFIED TOLERANCE SEE ABOVE				CHECK 	
				APPROVED 	

DIM.	TOL
5mm DOWN	±0.2
5~20mm	±0.3
20~40mm	±0.4
40~60mm	±0.5
60~100mm	±0.8
100mm UP	±1.0

REVISIONS			
REV	DESCRIPTION	DATE	BY



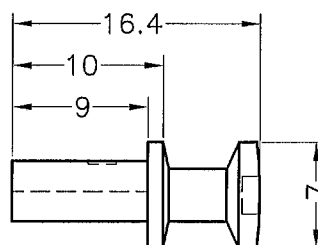
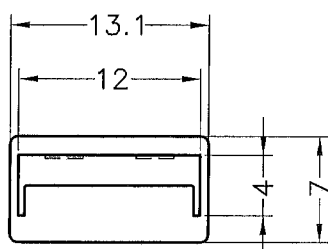
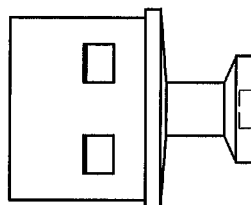
the **vital**
component

USBC-17		USB MINI B	
		SPEC. DWG.	
		DATE	2011.08.23
		DRAWN	SAI
		CHECK	
MATERIAL		TPE	
HARDNESS		50°±10°	
COLOR		BLACK	
UNLESS OTHERWISE SPECIFIED TOLERANCE		SEE ABOVE	
APPROVED			

PART NUMBER		DRAWING NUMBER	
USBC-17(B)		USBC-17	
SIZE	SCALE	UNIT	REV
A4	3:1	mm	A

成型尺寸	公差
5mm 以下	±0.2
5~20mm	±0.3
20~40mm	±0.4
40~60mm	±0.5
60~100mm	±0.8
100mm 以上	±1.0

REVISIONS			
REV	DESCRIPTION	DATE	BY
B	修改產品卡點形狀, 位置	2001.06.08	JASON
C	修改產品卡點深度	2006.09.12	BUNNY



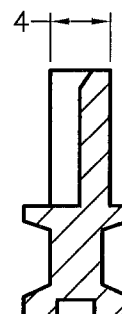
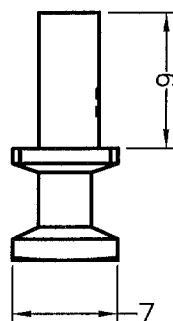
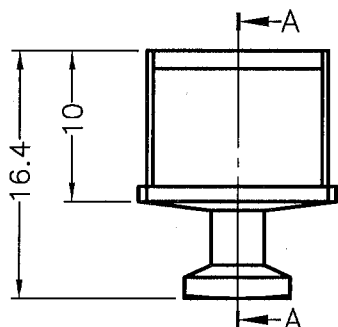
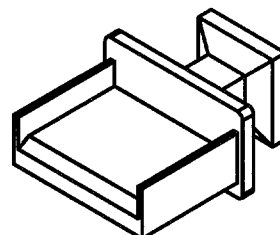
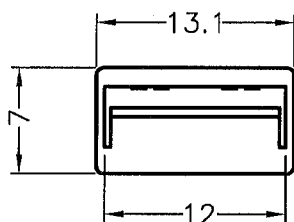
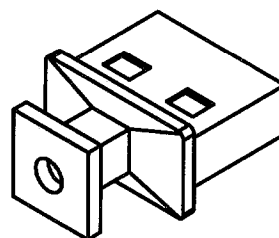
PART NO.	MATERIAL
USBC-2	ABS

the vital component				TITLE USBC-2		產品規格圖面	
				MATERIAL SEE ABOVE		DATE 2000.06.08	
				FINISH		DRAWN JASON	
PART NUMBER SEE ABOVE		DRAWING NUMBER USBC-2		COLOR BLACK		CHECK 	
SIZE A4	SCALE 2:1	UNIT mm	REV C	UNLESS OTHERWISE SPECIFIED TOLERANCE SEE ABOVE		APPROVED 	

成型尺寸	公差
5mm以下	±0.2
5~20mm	±0.3
20~40mm	±0.4
40~60mm	±0.5
60~100mm	±0.8
100mm以上	±1.0

REVISIONS			
REV	DESCRIPTION	DATE	BY

VALCON
QUALITY VALUE COMPONENTS

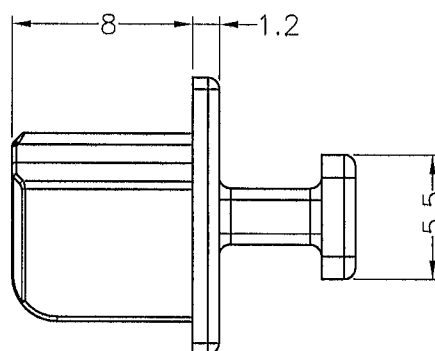
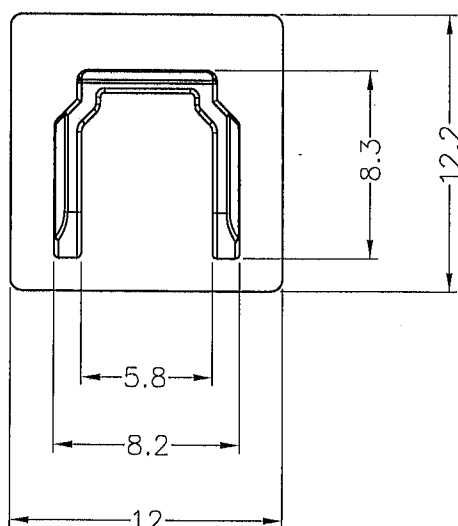
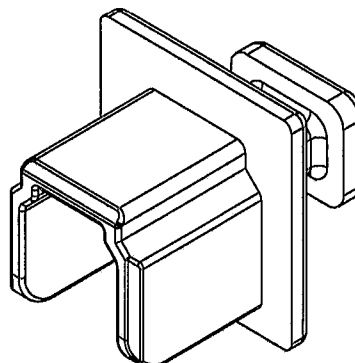
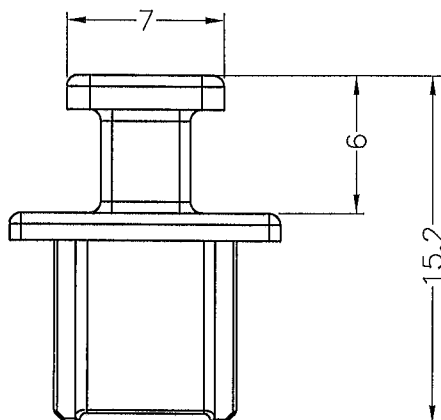


SECTION A-A

the vital component				TITLE	USBC-24	產品規格圖面
				MATERIAL	ABS	DATE 2000.06.08
				FINISH		DRAWN JASON
				COLOR	BLACK	CHECK 童智遠
PART NUMBER USBC-24	DRAWING NUMBER USBC-24			UNLESS OTHERWISE SPECIFIED TOLERANCE SEE ABOVE		APPROVED 朱品建
SIZE A4	SCALE 2:1	UNIT mm	REV A			

DIM.	TOL.
$L \leq 10$	± 0.2
$10 < L \leq 30$	± 0.3
$30 < L \leq 50$	± 0.5
$50 < L \leq 100$	± 0.7
$100 < L \leq 250$	± 1.2
ABOVE 250	± 1.5

REVISIONS			
REV	DESCRIPTION	DATE	BY



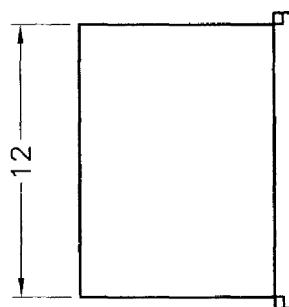
the **vital**
component

TITLE USBC-34(B)		SPEC. DWG.	
MATERIAL PP		DATE 2015.09.08	
FINISH USB Type B 3.0		DRAWN C.S.L	
COLOR BLACK		CHECK 	
UNLESS OTHERWISE SPECIFIED TOLERANCE SEE ABOVE		APPROVED 	

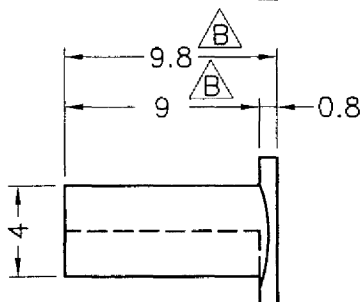
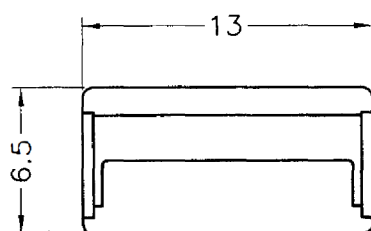
PART NUMBER USBC-34(B)		DRAWING NUMBER USBC-34	
SIZE A4	SCALE 3:1	UNIT mm	REV A

成型尺寸	公差
5mm以下	±0.2
5~20mm	±0.3
20~40mm	±0.4
40~60mm	±0.5
60~100mm	±0.8
100mm以上	±1.0

REVISIONS			
REV	DESCRIPTION	DATE	BY
B	8.7 CHANGE TO 9, 9.5 CHANGE TO 9.8	2004.12.28	S.J.C.



PART NO.	COLOR
USBC-4	COMPUTER



QMFZ2 Component -
JAPAN POLYPROPYLENE CORP
33-8 SHIBA 5-CHOME MINATO-KU TOKYO 108-0014 JAPAN
Material Designation: MA(+)(a)

Tuesday, September 07, 2004

E225074

Product Description: Polypropylene (PP), furnished as pellets.

Color	Min. Thick. (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str	IEC GWIT	IEC GWFI
ALL	1.5	HB	-	-	65	65	65	-	-
CTI: -		HVTR: -			D495: -			IEC Ball Pressure (°C): -	

Dielectric Strength (kV/mm): - Volume Resistivity (10⁹ohm-cm): -

ISO Tensile Strength (MPa): - ISO Flexural Strength (MPa): -

ISO Tensile Impact (kJ/m²): - ISO Izod Impact (kJ/m²): -

Dimensional Stability(%): -

ISO Heat Deflection (°C): -

ISO Charpy Impact (kJ/m²): -

Report Date:

Underwriters Laboratories Inc®

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small-scale test data is intended solely for determining the flammability of plastic materials used in

components and parts of end-product devices and appliances, where the acceptability of the combination is

the **vital**
component

TITLE USBC-4		產品規格圖面	
MATERIAL PP		DATE 2004.12.28	
FINISH USB Type A		DRAWN JASON	
COLOR SEE ABOVE		CHECK 	
UNLESS OTHERWISE SPECIFIED TOLERANCE SEE ABOVE		APPROVED 	

PART NUMBER
SEE ABOVE

DRAWING NUMBER
USBC-4

SIZE
A4

SCALE
3:1

UNIT
mm

REV
B