



RECOMMENDED PCB LAYOUT  
(TOLERANCE +/-0.05)



NOTES:

- 1.MATERIL:  
HOUSING:PBT,UL94V-0 COLOR:BLUE  
TERMINAL:COPPRE ALLOY  
SHELL:COPPER ALLOY
- 2.PLATING:  
TERMINAL:GOLD PLATING ON CONTACT AREA,  
TIN PLATING ON SOLDERTAIL.  
NICKEL UNDERPLATING OVER ALL  
SHELL:NICKEL PLATING OVER ALL
- 3.ELECTRICAL REQUIREMENTS:  
CONTACT CURRENT RATING:1.8AMP  
(PIN1 AND PIN4 PIN7 OF THE USB3.0),  
0.25AMP(OTHERS)  
CONTACT RESISTANCE:30MOHM MAX  
INSULATION RESISTANCE:100MOHM MIN
- 4.MECHANICAL REQUIREMENTS:  
INSERTION FORCE:35N MAX  
EXTRACTION FORCE:8N MIN  
OPERATING TEMPERATURE:-55°C~85°C.

Ordering Information

TUEA9F2DXY

Plating

- 1:15u" gold
- 3:30u" gold

4	HOUSING COVER	PBT	BLUE
3	SHELL	COPPER ALLOY	NICKEL PLATED
2	TERMINAL	COPPER ALLOY	GLOD PLATED ON CONTACT AREA
1	HOUSING	PBT	BLUE
ITEM	PART NAME	MATERIAL	FINISH

TOLERANCE (mm)	APPROVALS	DATE
X. ±0.35	DRAWN Stephane	30/Nov/2010
X.X ±0.25	CHECKED Rob	30/Nov/2010
X.XX ±0.15	APPROVED Rob	30/Nov/2010
UNLESS OTHERWISE SPECIFIED	UNIT : mm	SIZE : A4

TITLE	USB 3.0 A F R/A Dip
SIZE : DRAWING N°	TUEA9F2DXY

AMPHENOL	
Amphenol European Design Center	
Scale N.A.	Sheet 1 of 1
REV. A	