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USB 2.0 COMPLIANT

Technical drawing of a USB connector showing front, side, and detail views with dimensions.

Front View Dimensions: 8.45, 5.60, 3.00, 7.78, 12.04, 14.70REF, 0.65, 2.50.

Side View Dimensions: 21.60, 16.25, 3.10, 10.60, 6.25, 1.80, 3.20.

Detail View Dimensions: 2.50, 0.92, 2.30, 12.04, 3.20, 2.65.

⑤

NOTES:

1. MATERIAL:
1.1 Housing: PBT+30%GF UL94V-0, Color White
1.2 Contact : Brass
1.3 Shell: Brass
2. FINISH:
2.1 Contact:
Contact Area: Selective gold flash
Solder Area: Tin Plated
Under Plate: Ni Plated
2.2 Shell: Ni Plated
3. MECHANICAL:
3.1 Mating Force: 3.5 kgf MAX
3.2 Unmating Force: 1.0 kgf MIN
3.3 Durability: 1500 Cycles MIN
4. ELECTRICAL:
4.1 Current Rating: 1.0A
4.2 Dielectric Withstanding Voltage: 500V AC
4.3 Contact Resistance: 30mΩ MAX
4.4 Insulation Resistance: 1000MΩ MIN
5. OPERATING TEMPERATURE: -55°C To +85°C.
6. ENVIRONMENTAL:
Recommended PC Board Thickness: 1.6±0.05mm
Packing: Tray

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RoHS compliant

Unit: mm

Scale	Free	⑦	Update dimension&Shell	30.07.2019	Winnie		Date	Name	Customer-No.	
TOLERANCE		⑥	Update dimension	30.07.2019	Xavier	Drawn	25.03.2006	Hellwig	ASSMANN WSW-No. A-USB B-TOP-C	
.X	±0.30	⑤	Update	24.05.2018	Segal	Approved	15.10.2018	Winnie		
.XX	±0.20	④	Add soldering temperature	15.09.2014	Amy					
.XXX	±0.10	③	Add "USB 2.0 COMPLIANT"	19.08.2013	Amy					
DIM		TOL	③	Add "USB 2.0 COMPLIANT"	19.08.2013	Amy	ASSMANN WSW components		Drawing-No.	ASS 1370C CO rev07
X.°	±5°	②	Update	07.07.2009	Dean					
.X°	±3°	Id.	Modification	Date	Name					
Angle	TOL							Replace	SHEET 1/1	