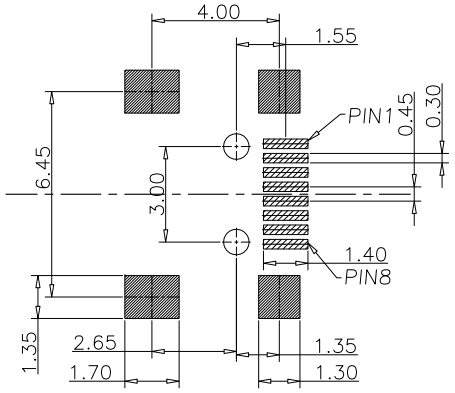
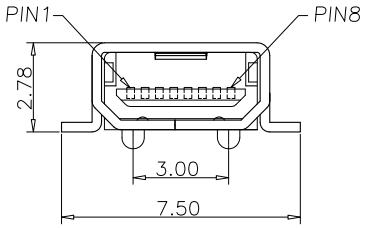
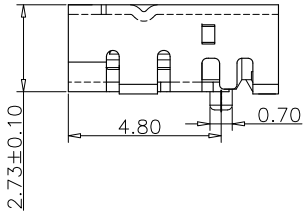
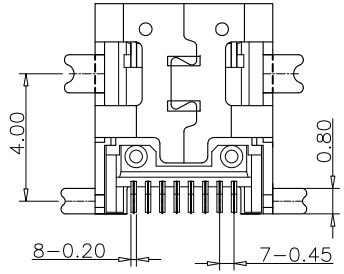




RECOMMENDED PCB LAYOUT







Specifications

A. Material
Plastic cement: LCP, Black
Contact: Copper Alloy, T=0.15mm
Shell: Copper Alloy, T=0.30mm

B. Plating
Contact Area: 1u" Au over 50u' min. Nickel
Solder Tails: 1u" Au over 50u' min. Nickel
Shell: G/F Au over 50u' min. Nickel

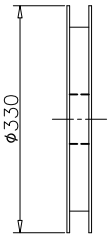
C. Electrical
Current Rating: 1.0A/contact terminal
Voltage Rating: 30V
Power Rating: 30W
Contact Resistance: 40mΩ max initial
50mΩ max after test
Dielectric Withstanding Voltage: 100V AC
Insulation Resistance: 100MΩ min.

D. Mechanical & Environmental
Operating Temperature: -25℃ to +85℃
Insertion force: 30 N Max
Withdrawal force: 7.0 N Min
Durability: 5000 cycles

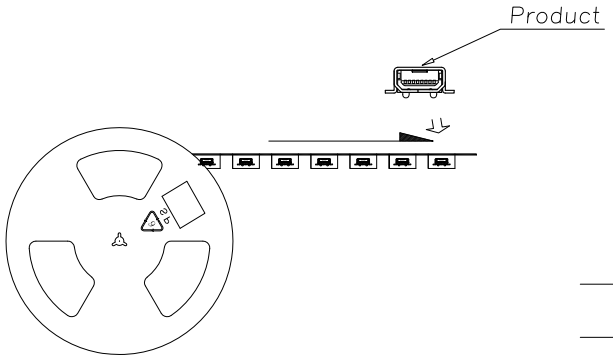
Pin Numbe	Signal Name
1	GND
2	TV
3	AUDIO
4	TV_DET
5	D+
6	GND
7	D-
8	VBUS

Part Number			Product Description				
PU8FW-R21C-012			Mini USB Receptacle, Horizontal, 8 Pin, SMT, Top Mount				
DWG.No.	P-U8F-012		Tolerances Unspecified			Units: Metric(mm)	ROHS COMPLIANT 2011/65/EU Deca-BDEv
Revision	A0		X.X	±0.35	X° ±5°		
Designed	Lee	09/20/22	X.XX	±0.25	X.X° ±2°		
Approved	Allen	09/20/22	X.XXX	±0.15			

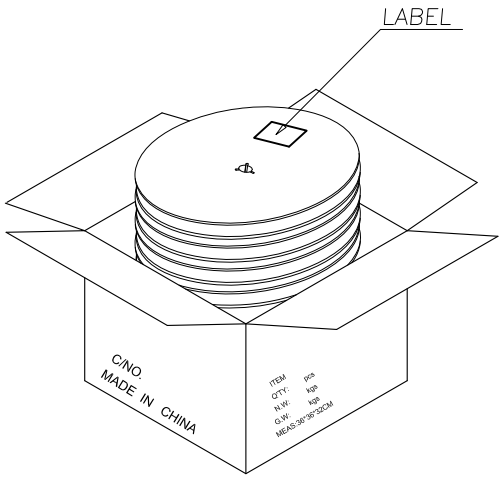
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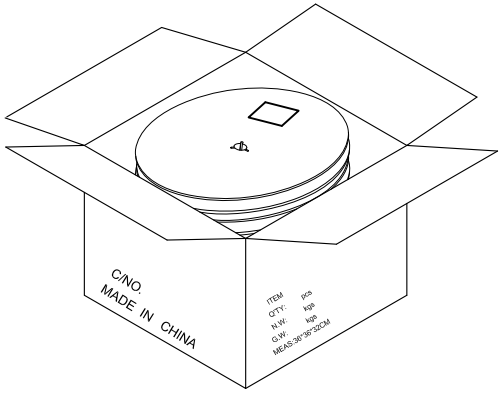
(1) Rubber disc



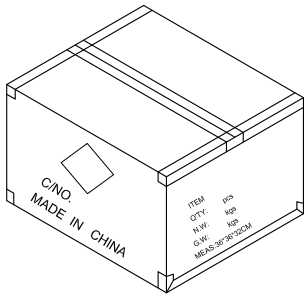
(2) 1000pcs/ disc



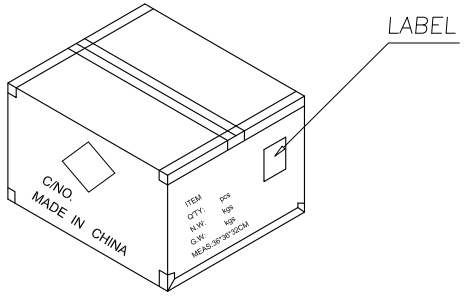
(3) 10 plates/box (10 Kpcs)



(4) Each case contains 10 plates, if the last few cases are filled with fillers.



(5) The outer box is sealed with transparent adhesive tape in the shape of "H".



(6) Paste the product or ROHS label as shown.

Part Number			Product Description				
PU8FW-R21C-012			Mini USB Receptacle, Horizontal, 8 Pin, SMT, Top Mount				
DWG.No.	P-U8F-012		Tolerances Unspecified			Units: Metric(mm)	ROHS COMPLIANT 2011/65/EU Deca-BDEv
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Approved	Allen	09/20/22	X.XXX	±0.15			

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