

### Specifications

#### Material

Housing&Slider: LCP, UL94V-0, Black  
Terminal: Copper Alloy  
Shell: Stainless Steel  
Coil Spring: SWP-B  
Latch: Stainless Steel

#### Plating

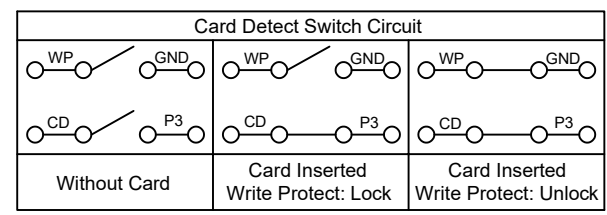
Contact Terminal:  
Under-plating: 40µ" min. Nickel all over  
Contact Area: Gold Flash  
Soldering Area: 80µ" min. Matte Tin  
Metallic Shell :  
Under-plating : 30µ" Nickel all over  
Soldering Area : Gold Flash  
Coil Spring&Latch: Clear

#### Electrical

Voltage Rating: 30V  
Current Rating: 0.5A  
Contact Resistance: 100mΩ max.  
Insulating Resistance: 1000MΩ min. at 500V DC  
Dielectric Withstand Voltage: 500V AC

#### Mechanical & Environmental

Durability: 5000 Cycles  
Operating Temperature: -40°C to +85°C



#### Ordering Grid

MEM1052-00-283-01-A

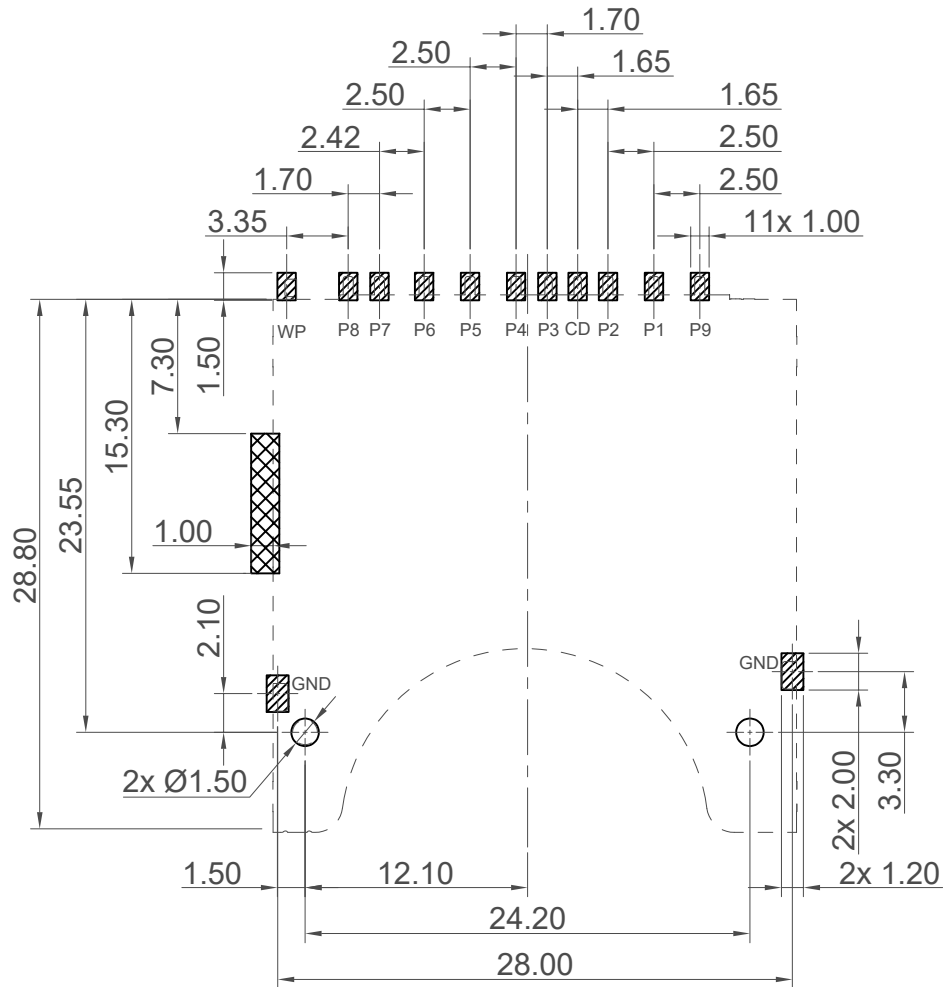
Switch: 00 = Normally Open, 01 = With  
Locating Post: 01 = With  
Packing Options: A = Tape & Reel

Part Number		Product Description	
MEM1052		SD Memory Card Connector Push-Push, SMT, 2.83mm Profile	
Drawing Date		30th May 2025	
By	KY	Tolerances (Except as Noted)	Units: Metric (mm)
Detail	Drawing Release	Length: X.X ±0.30	Angle: ±2°
Revision	A	X.XX ±0.20	3rd Angle Projection
Date	30/05/25	X.XXX ±0.10	

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RoHS COMPLIANT 2011/REU Deca-SIDE	

Not to Scale		Drawn By KY	Sheet No. 1/3
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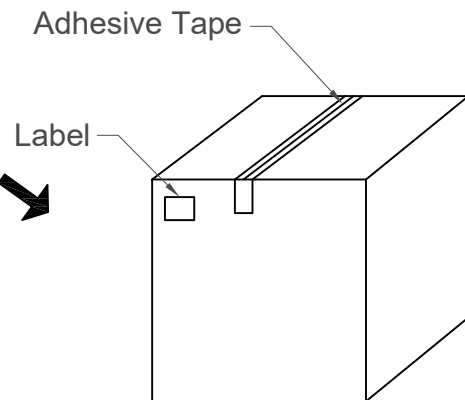
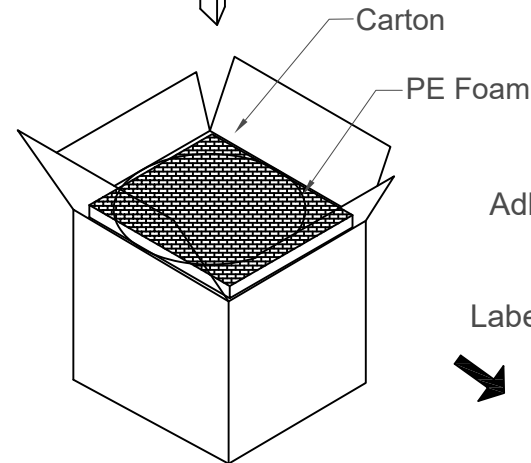
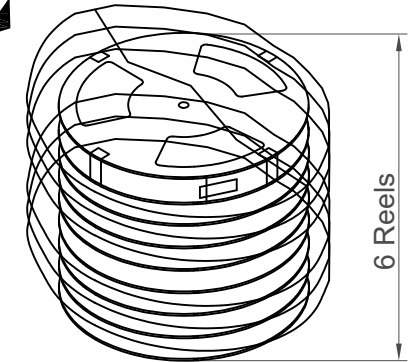
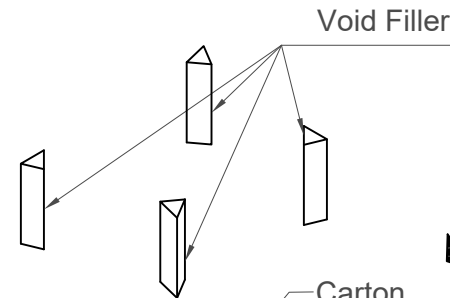
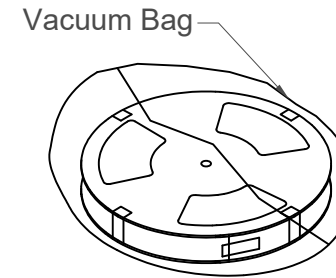
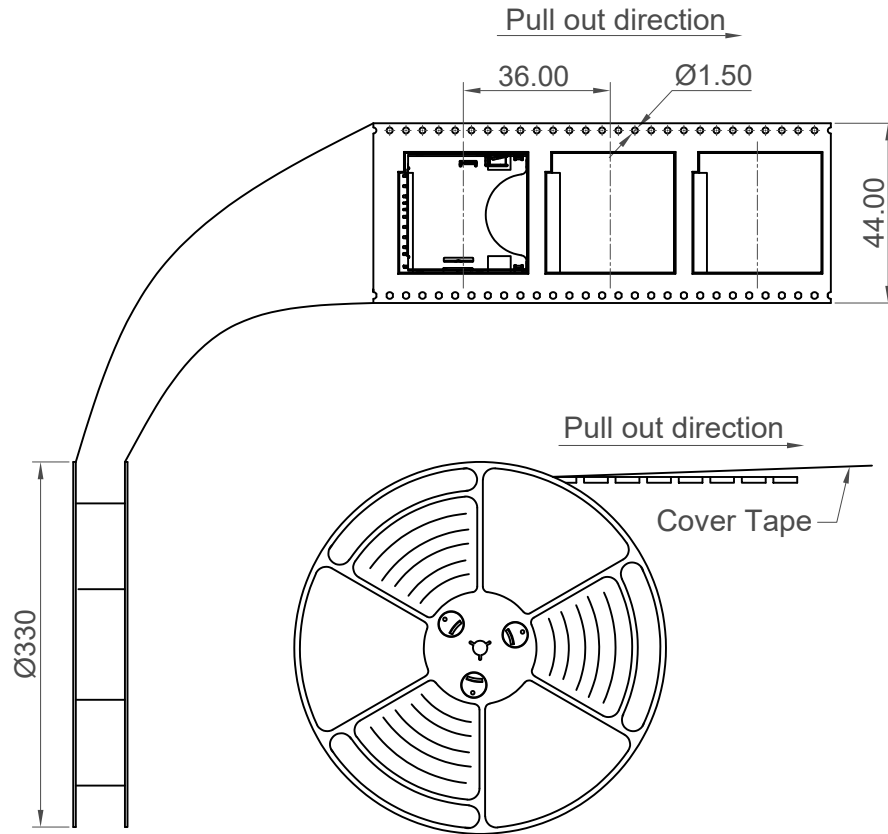
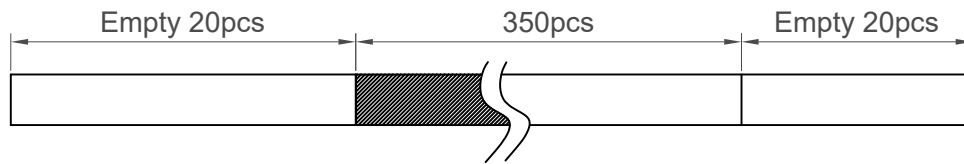




**SD Card Pin Assignment**

Pin	Name	Type	Description
P1	CD/DAT3	I/O/PP	Card Detect/Date Line [Bit 3]
P2	CMD	PP	Command/Response
P3	Vss1	S	Supply Voltage Ground
P4	VDD	S	Supply Voltage
P5	CLK	I	Clock
P6	Vss2	S	Supply Voltage Ground
P7	DAT0	I/O/PP	Data Line [Bit 0]
P8	DAT1	I/O/PP	Data Line [Bit 1]
P9	DAT2	I/O/PP	Data Line [Bit 2]
WP	-	-	Write Protect
CD	-	-	Card Detect Switch
GND	-	-	Cover Ground

Part Number MEM1052		Product Description SD Memory Card Connector Push-Push, SMT, 2.83mm Profile	
Drawing Date 30th May 2025			
By KY	Drawing Release	Tolerances (Except as Noted) Length X.X $\pm 0.30$ X.XX $\pm 0.20$ X.XXX $\pm 0.10$	Units: Metric (mm)
Detail	A	$\pm 2^\circ$	3rd Angle Projection
Revision	30/05/25		
Date			
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Pcs/Reel	Reels/Carton	Pcs/Carton
350	6	2100

Part Number		Product Description	
MEM1052		SD Memory Card Connector Push-Push, SMT,	
Drawing Date		2.83mm Profile	
30th May 2025			
By	KY	Tolerances (Except as Noted)	Units:
Detail	Drawing Release	Length	Metric (mm)
Revision	A	Angle	
Date	30/05/25		



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