

Specifications

- Material**
 Plastic Housing: Hi-temp Thermoplastic, UL94V-0, Black
 Contact Terminal: Copper Alloy
 Metallic Shell: Stainless Steel
 Coil Spring: SWP
 Latch: Stainless Steel
 Slider: Hi-temp Thermoplastic, UL94V-0, Black
 Card Detect Pin: Copper Alloy

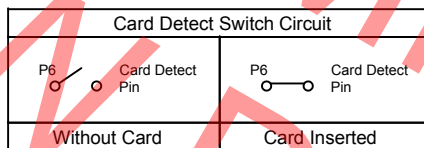
- Plating**
 Contact Terminal:
 Under-plating: 50µm min. Nickel all over
 Contact Area: Gold Flash
 Soldering Area: 80µm min. Matte Tin
 Metallic Shell :
 Under-plating : 50µm Nickel all over
 Soldering Area : Gold Flash
 Card Detect Pin:
 Under-plating: 50µm min. Nickel all over
 Contact Area: Gold Flash
 Solder Tail : Gold Flash

- Electrical**
 Voltage Rating: 100 V AC max
 Current Rating: 0.5 A max.
 Contact Resistance: 100mΩ max.
 Insulating Resistance: 1000MΩ min.
 Dielectric Withstand Voltage: 500 V AC

- Mechanical & Environmental**
 Durability: 5000 Cycles
 Operating Temperature: -40°C to +85°C

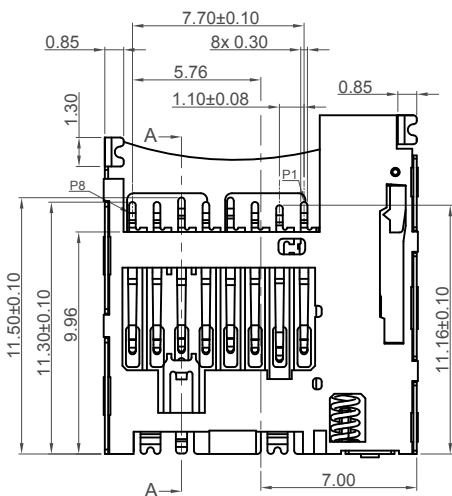
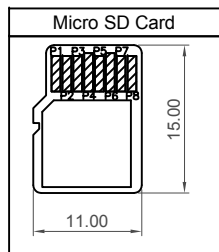
Recommended PCB Layout

As viewed from component side General Tolerance: ±0.05
 Solder Area Keep Out Area Component Outline

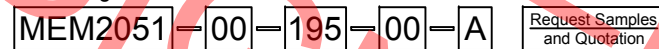


MICRO SD CARD PIN OUT		
Pin	Name	Description
P1	DAT2	Data Bit 2
P2	CD/DAT3	Card Detect/Data Bit 3
P3	CMD	Command Line
P4	V _{DD}	Supply Voltage 2.7V/3.6V
P5	CLK	Clock
P6	V _{SS}	Ground
P7	DAT0	Data Bit 0
P8	DAT1	Data Bit 1

Detail A Scale 2:1



Ordering Grid



Switch 00 = Normally Open Locating Post 00 = Without Packing Options A = Tape & Reel (1000 per Reel)

Part Number		Product Description	
MEM2051		Micro SD Memory Card Connector	
Drawing Date		Push-Push, SMT, Card Entry Normal, 1.95mm Profile	
2nd November 2011			
By	CC	Tolerances (Except as Noted)	Units:
Detail	MEM2051	Length	Metric (mm)
Revision	D1	Angle	
Date	21/02/19	X.X ±0.35	X° ±1°
		X.XX ±0.25	X.XX° ±0.5°
		X.XXX ±0.150	X.XXX° ±0.25°

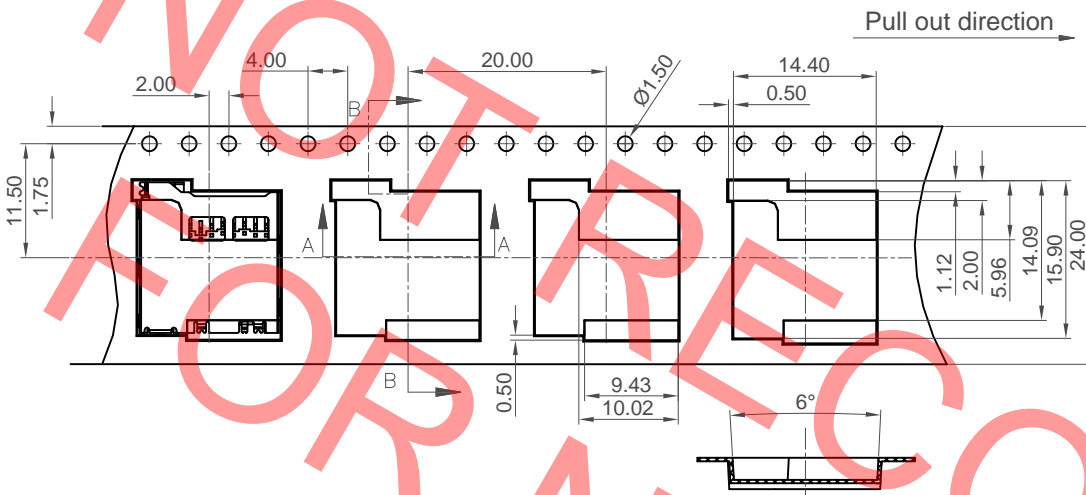


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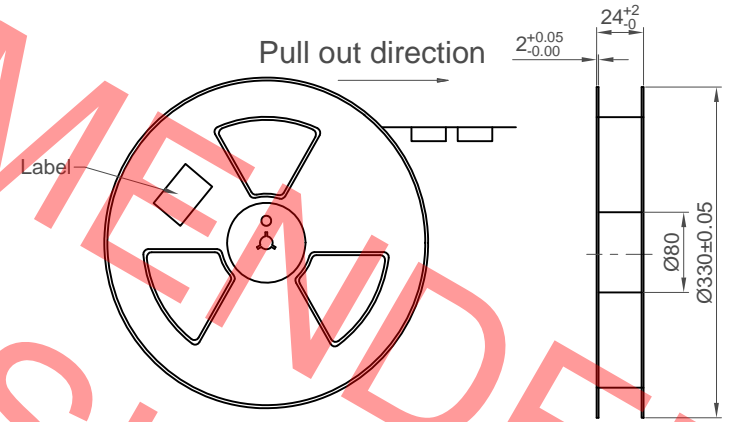
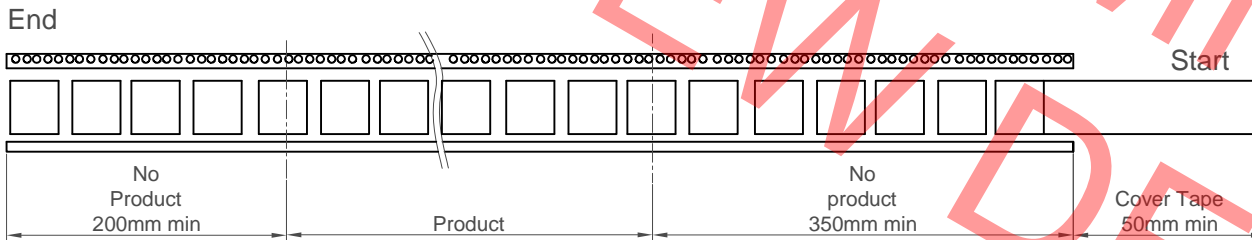
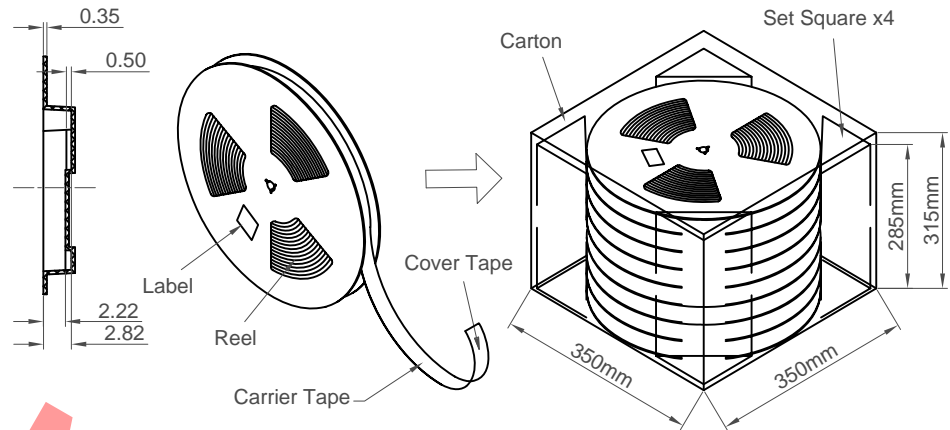
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Section A-A

Section B-B



Gross Weight - Reel: 0.86 KG
Quantity: 1000 pcs/Reel

Notes:

1. Primary Packing: 1,000 pcs/reel
2. Secondary Packing: 10 reel/carton (10k pieces/carton)
3. Gross Weight: 9.43Kg/carton

Part Number		Product Description	
MEM2051		Micro SD Memory Card Connector	
Drawing Date		Push-Push, SMT, Card Entry Normal, 1.95mm Profile	
2nd November 2011			
By	CC	Tolerances (Except as Noted)	Units:
Detail	MEM2051	Length	Metric (mm)
	D PCN	Angle	
Revision	D1		
Date	21/02/19		

RoHS COMPLIANT 2011/85/EU

3rd Angle Projection

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