

Specifications

Material

Plastic Housing: LCP UL94V-0, Black
Contact Terminal: Copper Alloy
Metallic Shell: Stainless Steel
SMT Hold-Down: Stainless Steel

Plating

Contact Terminal:
 Underplating: 50µ" Nickel all over
 Contact Area: Gold Flash
 Soldering Area: Tin
 SMT Hold-Down:
 Tin over Nickel

Electrical

Voltage Rating: 100 V DC
Current Rating: 0.5 A max.
Contact Resistance: 100 mΩ max.
Card Detection Switch
Contact Resistance: 500 mΩ max.
Insulation Resistance: 1000 MΩ min
Dielectric Withstanding Voltage: 500V AC for 1 min.

Mechanical & Environmental

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




Ordering Grid

MEM2067-02-180-00-A Request Samples and Quotation

Switch Locating Post Packing Options
02 = Without Switch 00 = Without A = Tape & Reel
(Quantity per Reel: 1000 pcs)





Recommended PCB Layout

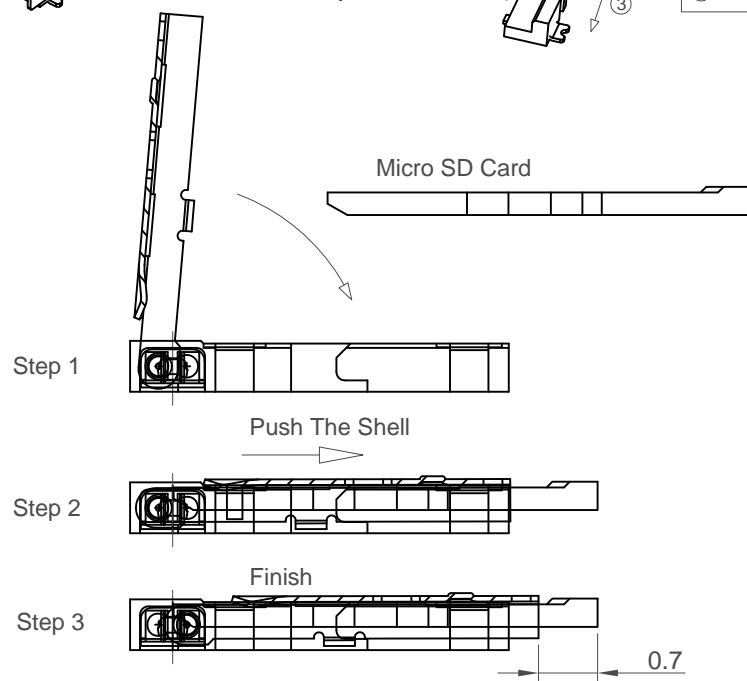
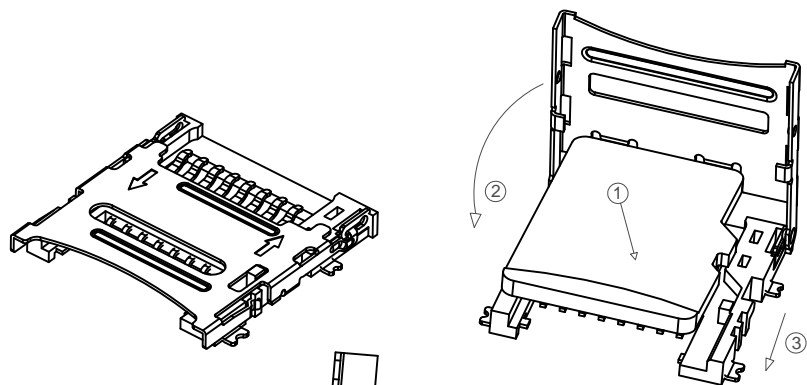
General Tolerance: ± 0.05

 Solder Area  Keep Out Area  Component Outline

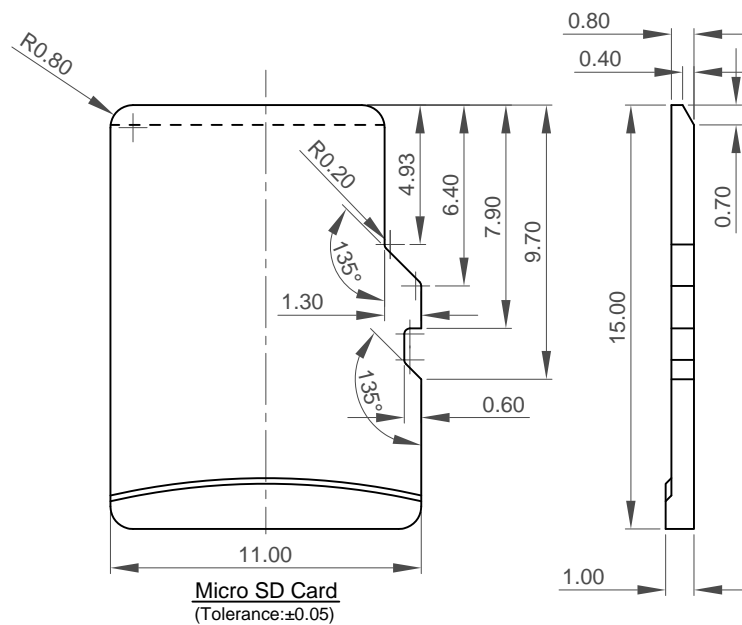
Micro SD Card Pin Out

Pin	Name	Description
P1	DAT2	Data Bit 2
P2	CD/DAT3	Card Detect/Data Bit 3
P3	CMD	Command Line
P4	VDD	Supply Voltage 2.7v/3.6v
P5	CLK	Clock
P6	VSS	Ground
P7	DAT0	Data Bit 0
P8	DAT1	Data Bit 1

Part Number		Product Description		 www.gct.co
MEM2067		Micro SD Memory Card Connector SMT, Hinged, 1.80mm Profile		
Drawing Date				
10th January 2014				
By	CC	Tolerances (Except as Noted)	Units:	This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE
Detail	MEM2067 B PCN	Length X: ± 0.35 XX ± 0.25	Metric (mm)	
Revision	B4	Angle X: $\pm 5^\circ$ XX $\pm 4^\circ$	 	
Date	30/03/18	X,XXX ± 0.15 X,XXX ± 0.10		
		X,XXX $\pm 3^\circ$ X,XXX $\pm 2^\circ$		Not to Scale Drawn By AJO Sheet No. 1/3

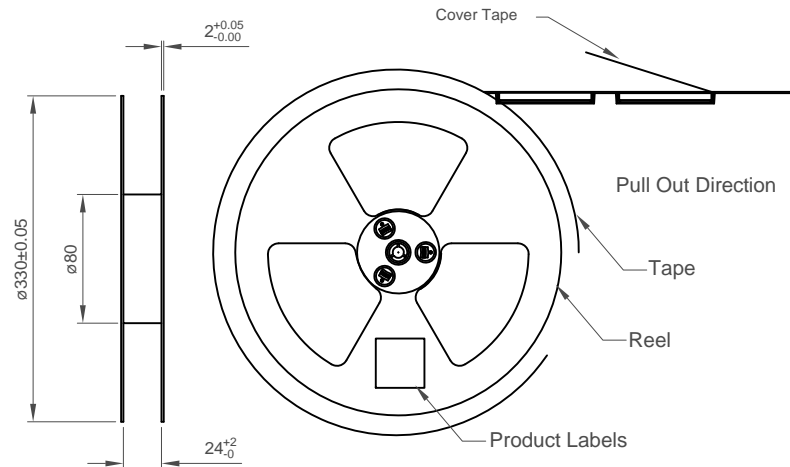


All drawings for illustrative purposes only.
Not representative of actual parts.

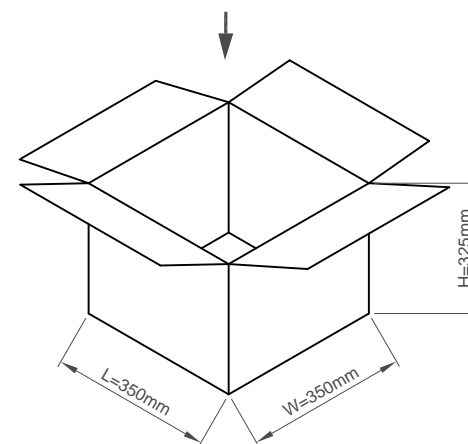
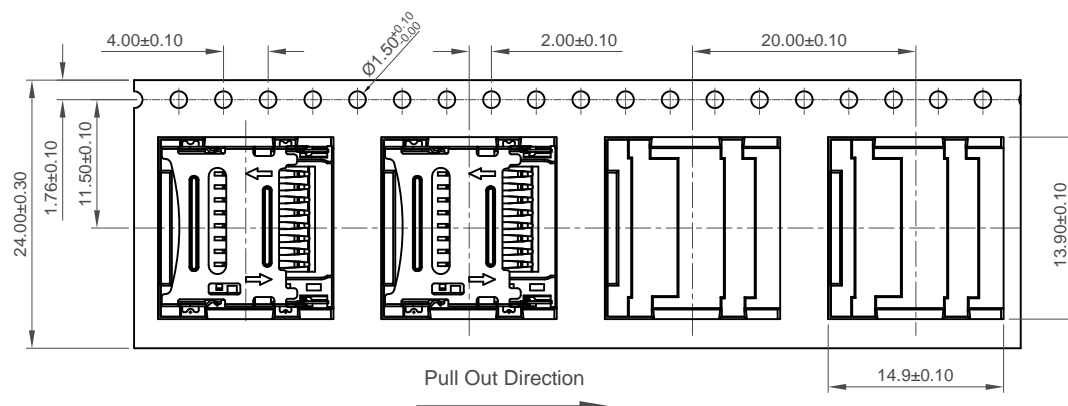
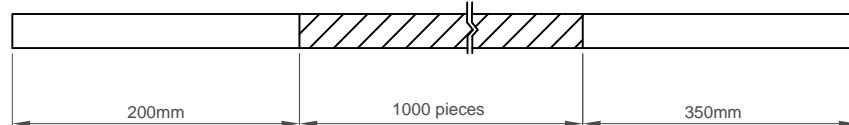
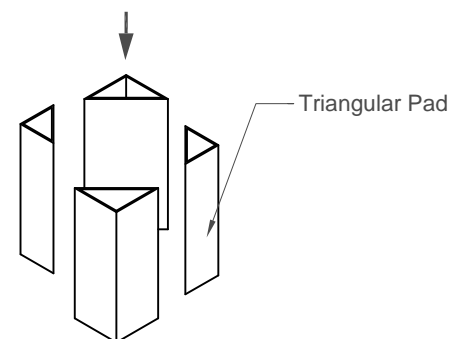
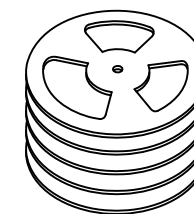


Part Number		Product Description	
MEM2067		Micro SD Memory Card Connector	
Drawing Date		SMT, Hinged, 1.80mm Profile	
10th January 2014			
By	CC	Tolerances (Except as Noted)	Units:
Detail	MEM2067	Length	Metric (mm)
Revision	B PCN	Angle	
Date	B4	X.X ± 0.35	X.° ± 1°
	30/03/18	X.XX ± 0.25	X.X° ± 0.5°
		X.XXX ± 0.150	X.XX° ± 0.25°
		3rd Angle Projection	
		RoHS COMPLIANT 2011/65/EU	
		Deca-SIDE	
		This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE	
		Not to Scale	
		Drawn By AJO	
		Sheet No. 2/3	

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Product no.	PCS/Reel	Reels/Carton	PCS/Carton
MEM2067	1000	10	10000



Notes:

1. Primary Packing: 1K pcs/reel
2. Secondary Packing: 10 reel/carton
3. Net Weight/carton : 9.30Kg
4. Gross Weight/carton: 10.50Kg

Part Number MEM2067		Product Description Micro SD Memory Card Connector	
Drawing Date 10th January 2014		SMT, Hinged, 1.80mm Profile	
By CC	MEM2067 B PCN	Tolerances (Except as Noted)	Units: Metric (mm)
Detail	B4	X. ± 0.35 X.X ± 0.25 X.XX ± 0.15 X.XXX ± 0.10	X.° ± 5° X.X° ± 4° X.XX° ± 3° X.XXX° ± 2°
Revision	30/03/18		
Date			
		3rd Angle Projection	
		RoHS COMPLIANT 2011/65/EU	
		This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE	
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			Sheet No. 3/3

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