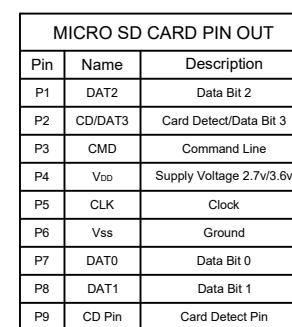


Recommended PCB Layout

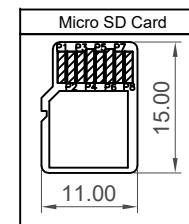
As viewed from component side

 Solder Area Keep Out Area Component Outline



Card Detect Switch Circuit

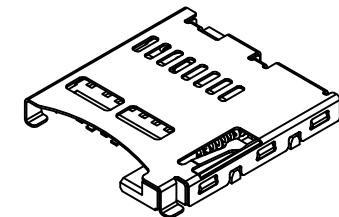
	Card Detect Pin
	Card Detect Pin



Ordering

MEM2052	00	195	00	A	Request Samples and Quotation
Switch	Locating Post			Packing Options	
00 = Normally Open	00 = Without			A = Tape & Reel (1000 per Reel)	

Part Number MEM2052	Product Description Micro SD Memory Card Connector	 www.gct.co
Drawing Date 23rd November 2022	Push-Push, SMT, Card Entry Normal, 1.95mm Profile	
By Detail	CC Drawing Release	Tolerances (Except as Noted) Length Angle Metric (mm)
Revision A3	Date 08/03/24	X.X ±0.35 X.XX ±0.25 X.XXX ±0.15 ±2° 
 		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 CC
		Sheet No. 1/2



Specification

Materials

Material:
Housing&Slider: LCP, UL94V-0, Black
Terminal& Card Detect Pin: Phosphor Bronze
Shell: Stainless Steel
Coil Spring: SWP
Latch: Stainless Steel

Platin

Rating Terminal

Under-plating: 50 μ " min. Nickel all over
Contact Area: Gold Flash
Soldering Area: Gold Flash

She

Under-plating : 50 μ " Nickel all over
Soldering Area : Gold Flash

Card Detect P

Under-plating: 50μ " min. Nickel all over
Contact Area: Gold Flash
Solder Tail : Gold Flash
Coil Spring&Latch: Clear

Electric

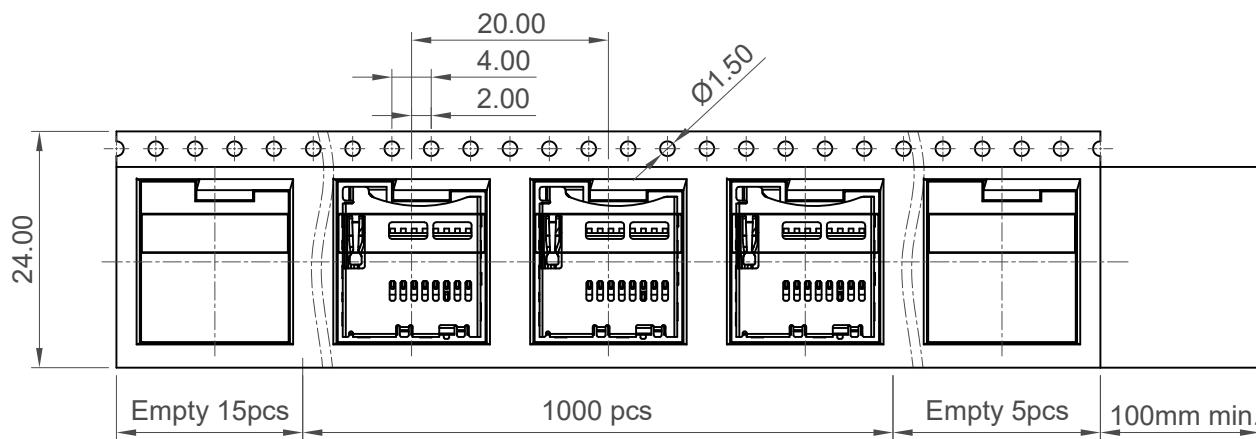
Electrical
Voltage Rating: 10 V AC max
Current Rating: 0.5 A max.
Contact Resistance: 100m Ω max.
Insulating Resistance: 1000M Ω min. at 500 V DC
Dielectric Withstand Voltage: 500 V AC

Mechanical & Environmental

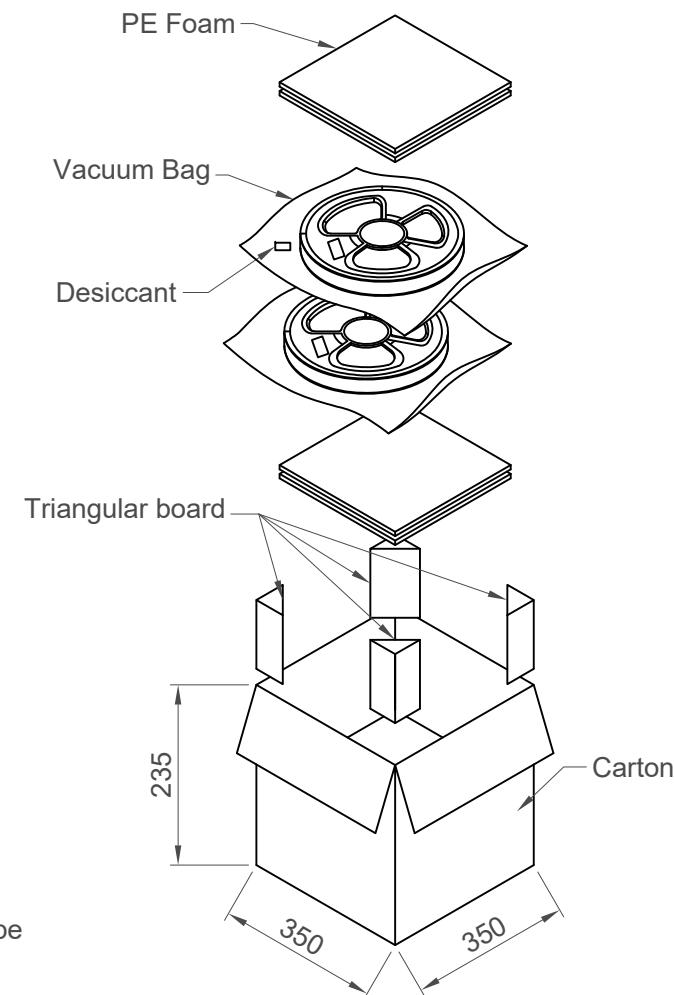
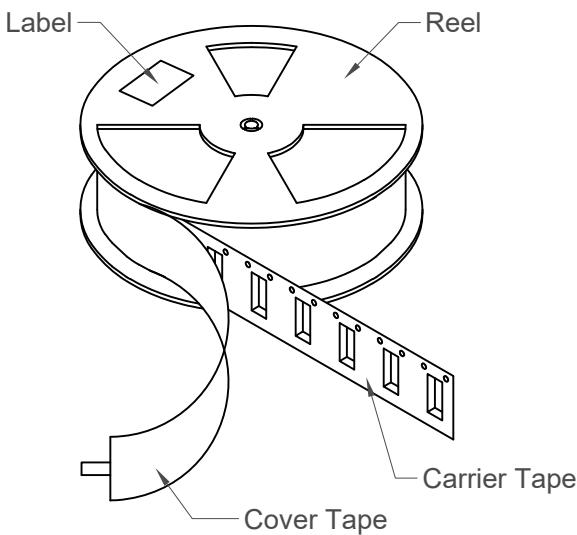
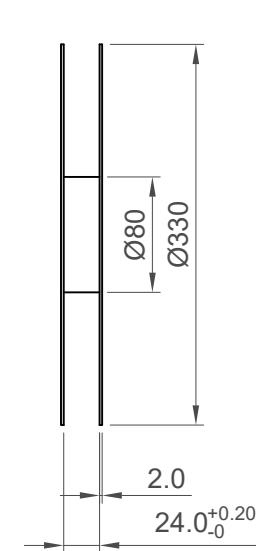
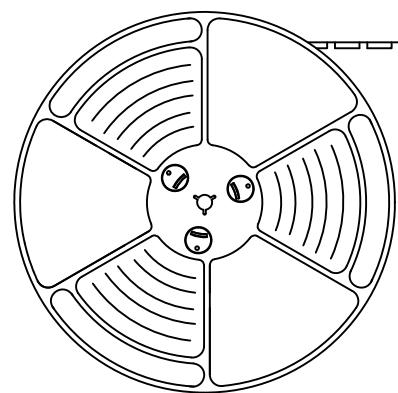
Mechanical & Environmental
Durability: 10000 Cycles
Operating Temperature: -40°C to +85°C

GCT
www.gct.co

Not to Scale Drawn By CC Sheet M 1/2



Pull out direction



Pcs/Reel	Reels/Carton	Pcs/Carton
1000	6	6000

Part Number		Product Description			
MEM2052		Micro SD Memory Card Connector Push-Push, SMT, Card Entry Normal, 1.95mm Profile			
Drawing Date		23rd November 2022			
By	CC	Tolerances (Except as Noted)		Units:	
Detail	Drawing Release	Length	Angle	Metric (mm)	
Revision	A3	X.XX ±0.35	X.XX ±0.25	±2°	
Date	08/03/24	X.XXX ±0.15	X.XXX ±0.15		



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Sheet No.
2/2

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