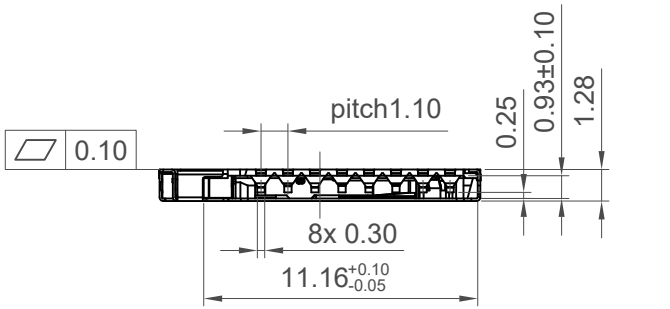
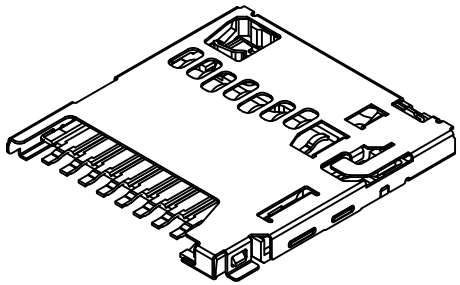
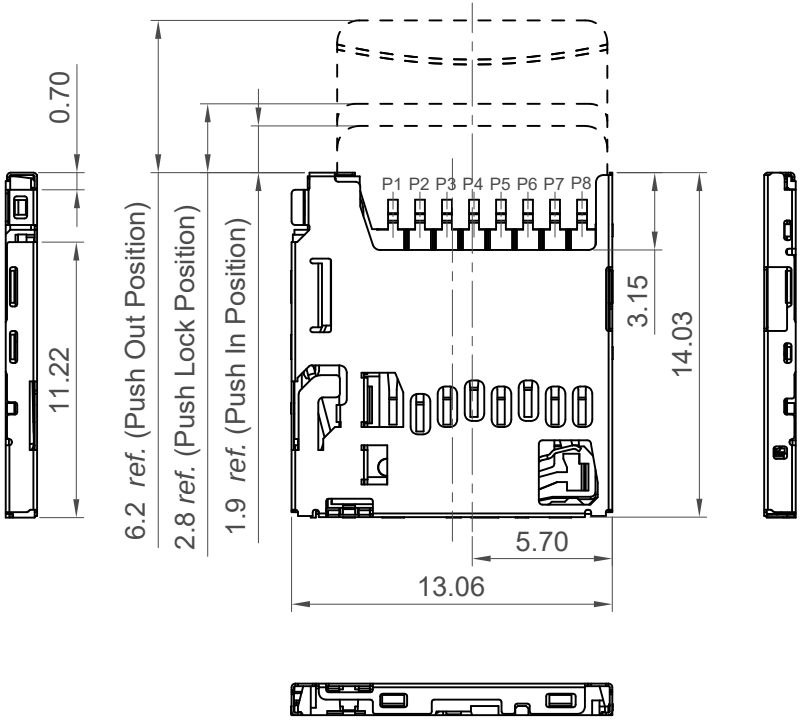
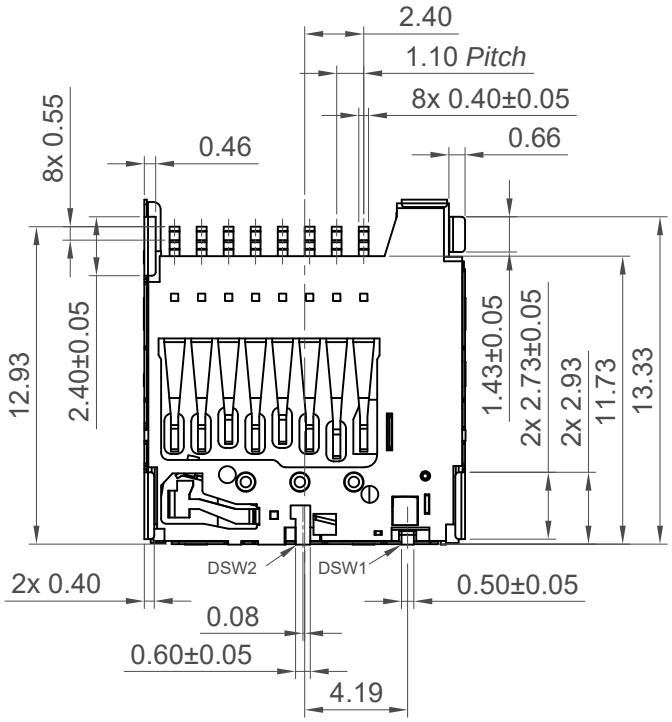
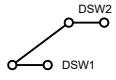








Card Detect Switch Circuit	
	
Without Card	Card Inserted

Specifications

Material
- Housing&Slider: LCP, UL94V-0, Black
- Terminal: Phosphor Bronze, T=0.15mm
- Shell: Stainless Steel, T=0.10mm
- Coil Spring: SWP
- Latch: Stainless Steel

Plating
- Contact Terminal:
  - Under-plating: 80μ" min. Nickel all over
  - Contact Area: Gold Flash
  - Soldering Area: Gold Flash
- Metallic Shell :
  - Under-plating : 50μ" Nickel all over
  - Soldering Area : Gold Flash
- Coil Spring&Latch: Clear

Electrical
- Voltage Rating: 12V AC/DC max.
- Current Rating: 0.5A AC/DC max.
- Contact Resistance: 100mΩ max.
- Insulating Resistance: 1000MΩ min. at 500V DC
- Dielectric Withstand Voltage: 500V AC

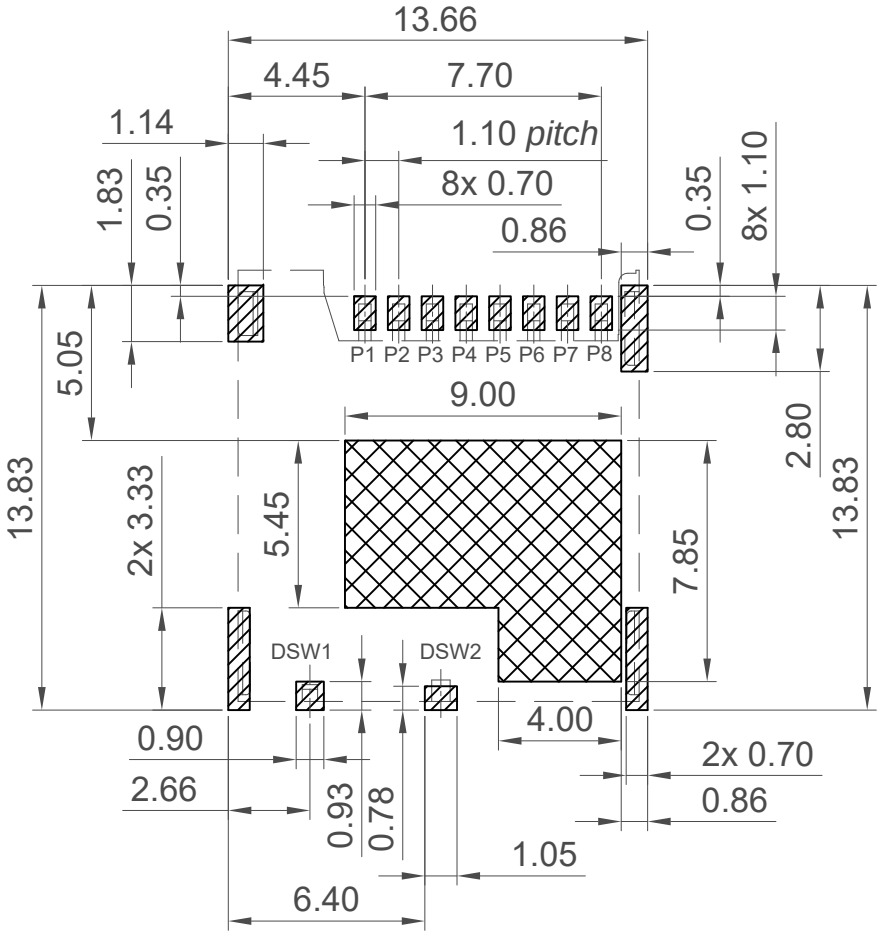
Mechanical & Environmental
- Durability: 5000 Cycles
- Operating Temperature: -25°C to +85°C

Ordering Grid

MEM2080 — 00 — 128 — 00 — A Request Samples and Quotation

Switch	Locating Post	Packing Options
00 = Normally Open	00 = Without	A = Tape & Reel

Part Number		Product Description					
MEM2080		Micro SD Memory Card Connector Push-Push, SMT, 1.28mm Profile					
Drawing Date							
13th December 2021							
By	CC	Tolerances (Except as Noted) Length	Angle	Units: Metric (mm)	RoHS COMPLIANT 2011/65/EU Dec-BDE	© 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	GCT www.gct.co
Detail	Drawing Release	X.X ±0.35 X.XX ±0.20 X.XXX ±0.15	±2°	3rd Angle Projection			Not to Scale / Drawn By CC / Sheet No. 1/3
Revision	A1						
Date	24/11/22						



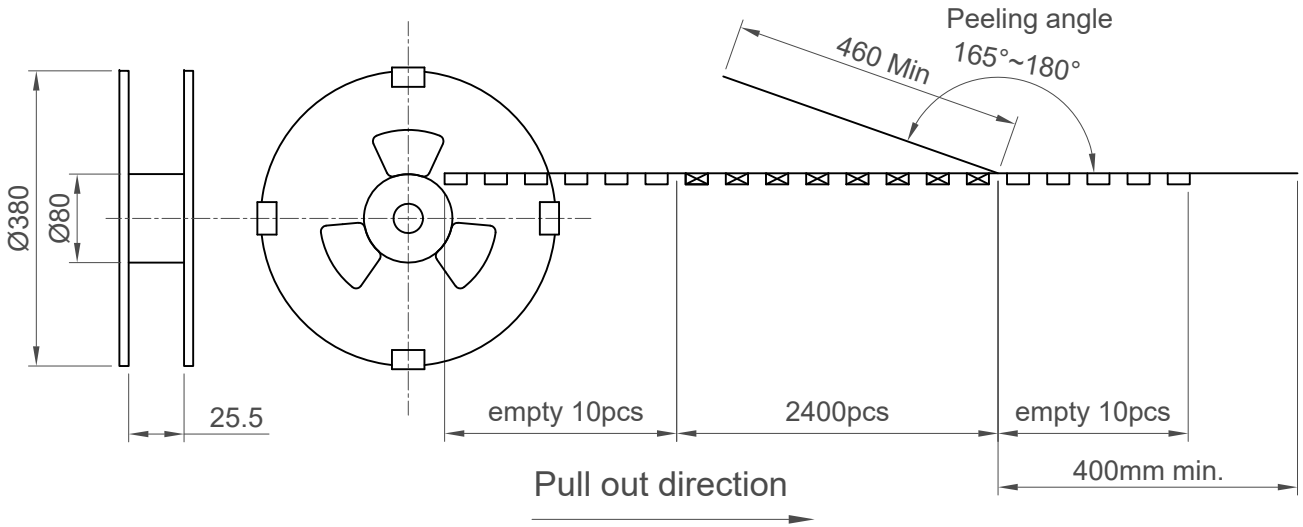
Recommended PCB Layout

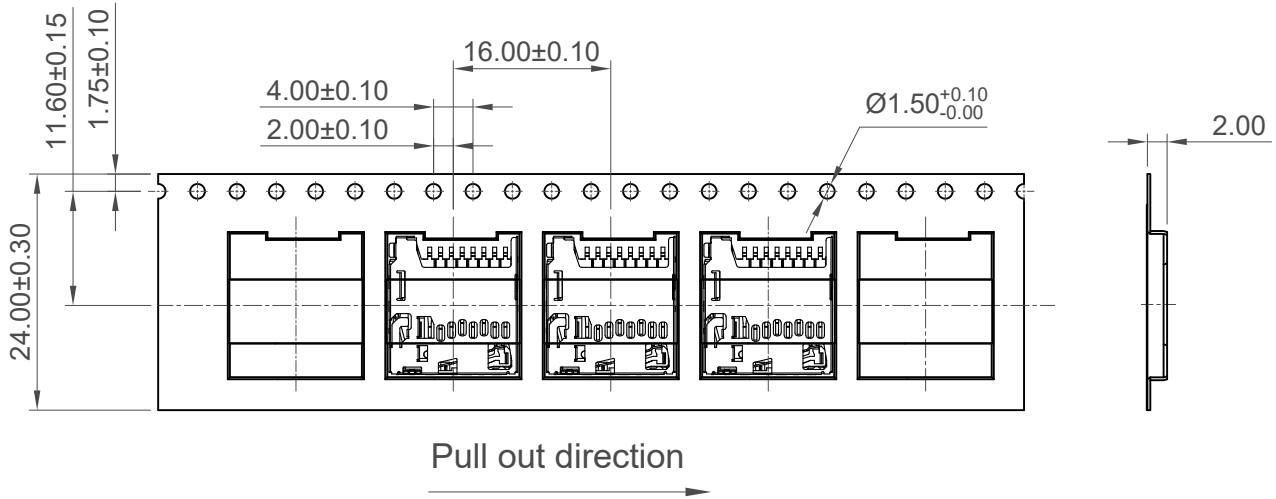
As viewed from component side *General Tolerance: ±0.05*

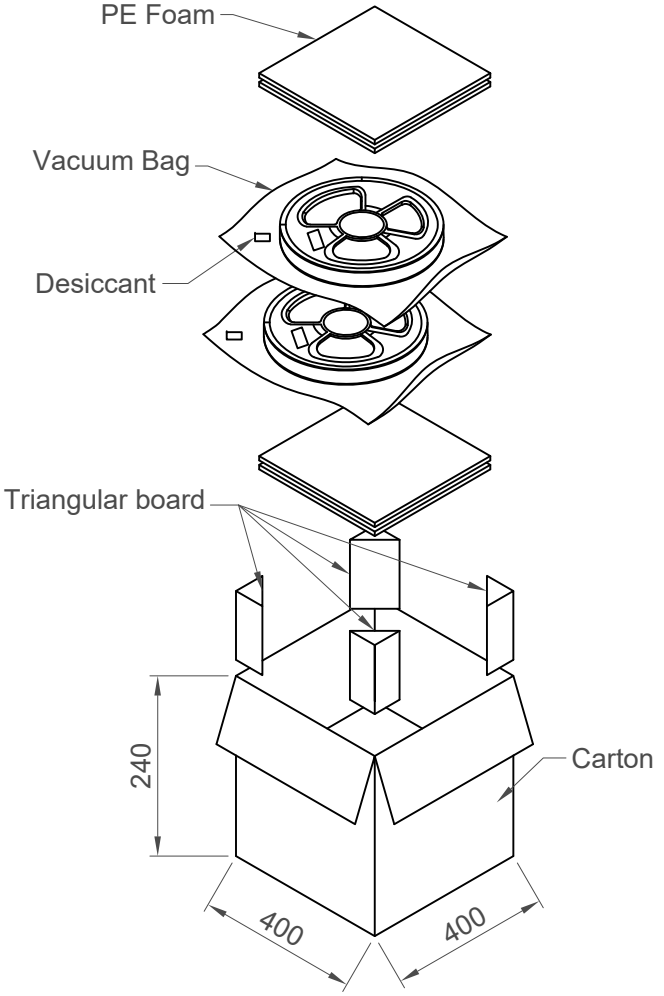
Solder Area Keep Out Area Component Outline

Pin Assignment		
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
P5	CLK	Clock
P6	Vss	Ground
P7	DAT0	Data Bit 0
P8	DAT1	Data Bit 1
DSW1	Lever Pin	Detected Lever (Vss: GND)
DSW2	Switch Pin	Detected Switch

Part Number: MEM2080		Product Description: Micro SD Memory Card Connector Push-Push, SMT, 1.28mm Profile					
Drawing Date: 13th December 2021							
By	CC	Tolerances (Except as Noted) Length	Angle	Units: Metric (mm)	RoHS COMPLIANT 2011/65/EU Dec-DDE		GCT www.gct.co
Detail	Drawing Release	X.X ±0.35 X.XX ±0.20 X.XXX ±0.15	±2°	3rd Angle Projection			
Revision	A1						
Date	24/11/22						
						Not to Scale	Drawn By CC	Sheet No. 2/3







Pcs/Reel	Reels/Carton	Pcs/Carton
2400	7	16800

Part Number		Product Description					
MEM2080		Micro SD Memory Card Connector Push-Push, SMT, 1.28mm Profile					
Drawing Date							
13th December 2021							
By	CC	Tolerances (Except as Noted)		Units:	RoHS COMPLIANT 2011/65/EU Deca-BDE	© 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	GCT www.gct.co
Detail	Drawing Release	Length	Angle	Metric (mm)			
Revision	A1	-	-	3rd Angle Projection			Not to Scale / Drawn By CC / Sheet No. 3/3
Date	24/11/22						