

Specifications

Material
 Housing: LCP, UL94V-0, Black
 Terminal: Phosphor Bronze, T=0.12mm
 Shell: Stainless Steel, T=0.10mm

Plating

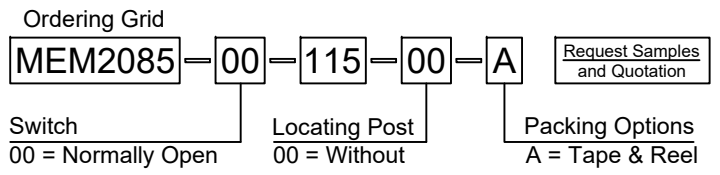
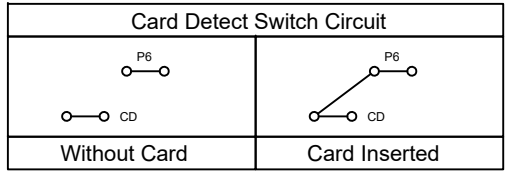
Contact Terminal:
 Under-plating: 80µ" min. Nickel all over
 Contact Area: Gold Flash
 Soldering Area: Gold Flash
Metallic Shell :
 Under-plating : 30µ" Nickel all over
 Soldering Area : Gold Flash

Electrical

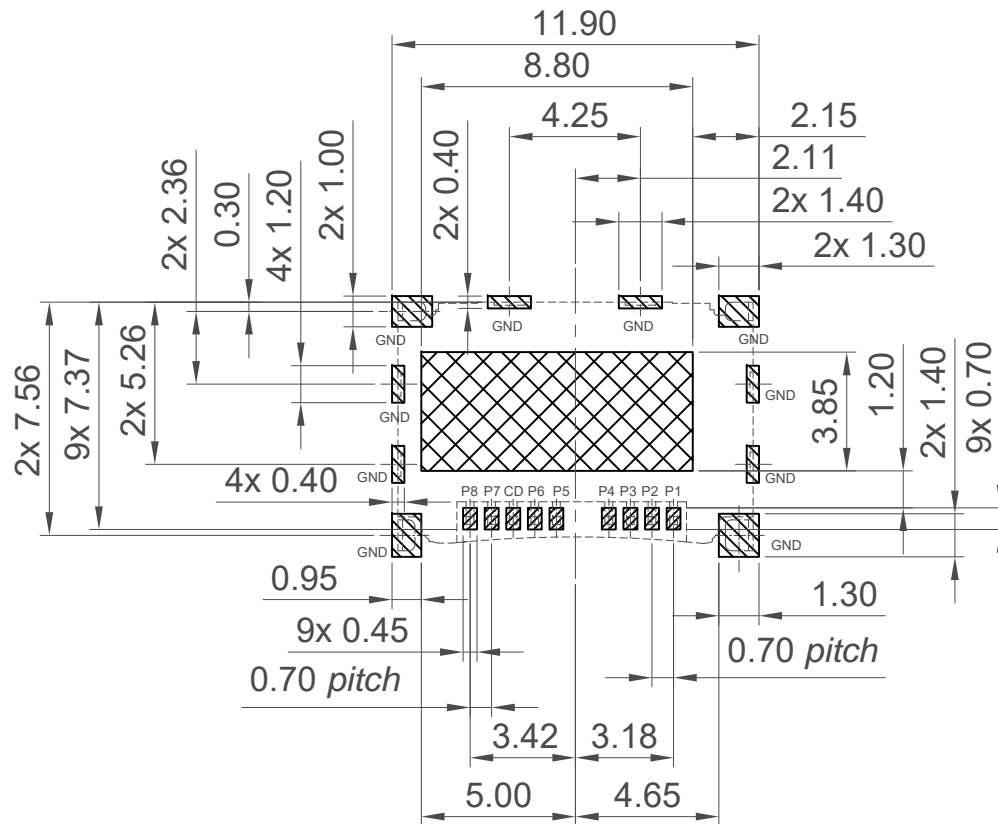
Voltage Rating: 5V
 Current Rating: 0.5A
 Contact Resistance: 100mΩ max.
 Insulating Resistance: 1000MΩ min. at 500V DC
 Dielectric Withstand Voltage: 500V AC

Mechanical & Environmental

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



Part Number		Product Description			
MEM2085		Micro SD Memory Card Connector			
Drawing Date		Push-Pull, SMT, 1.15mm Profile			
20th December 2022					
By	CC	Tolerances (Except as Noted)		Units:	
Detail	Drawing Release	Length	Angle	Metric (mm)	
Revision	A	X.X ±0.35		±°	
Date	20/12/22	X.XX ±0.20			
		X.XXX ±0.10			
		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			
				www.gct.co	
		Not to Scale	Drawn By CC	Sheet No. 1/3	







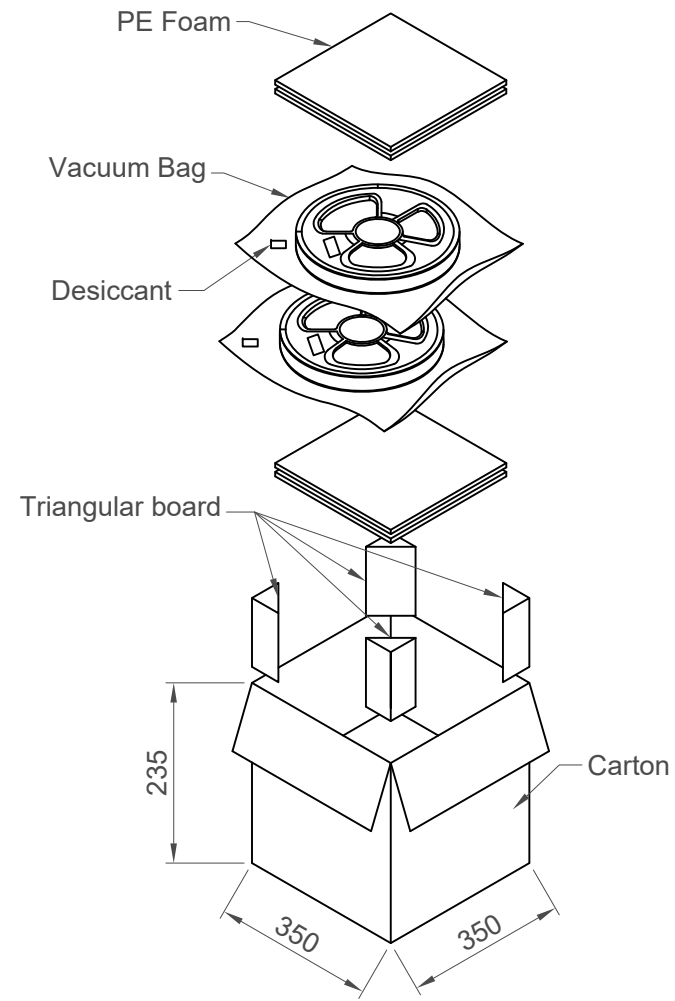
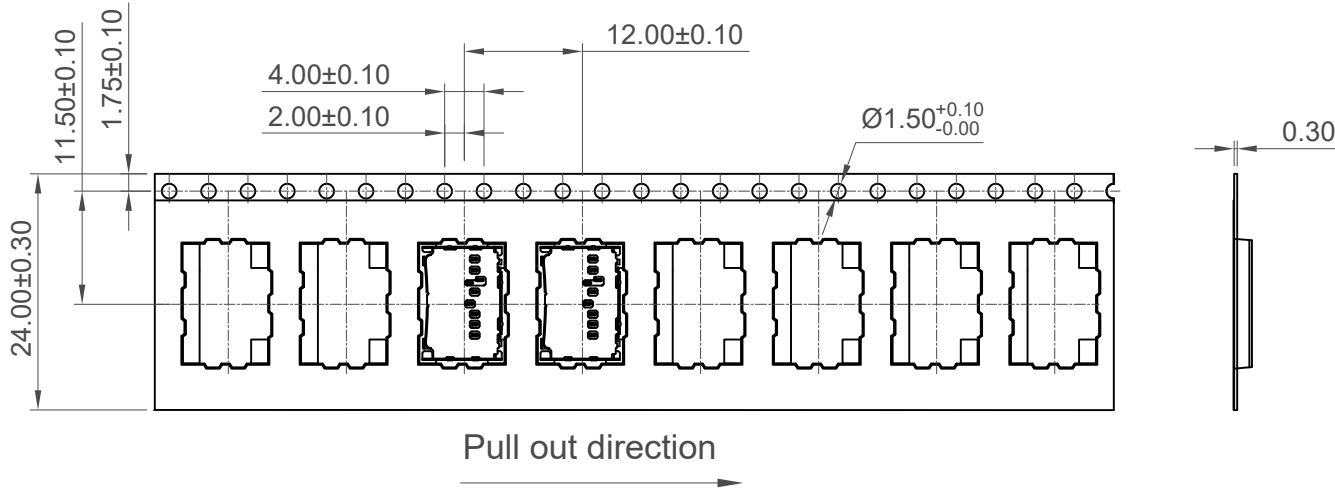
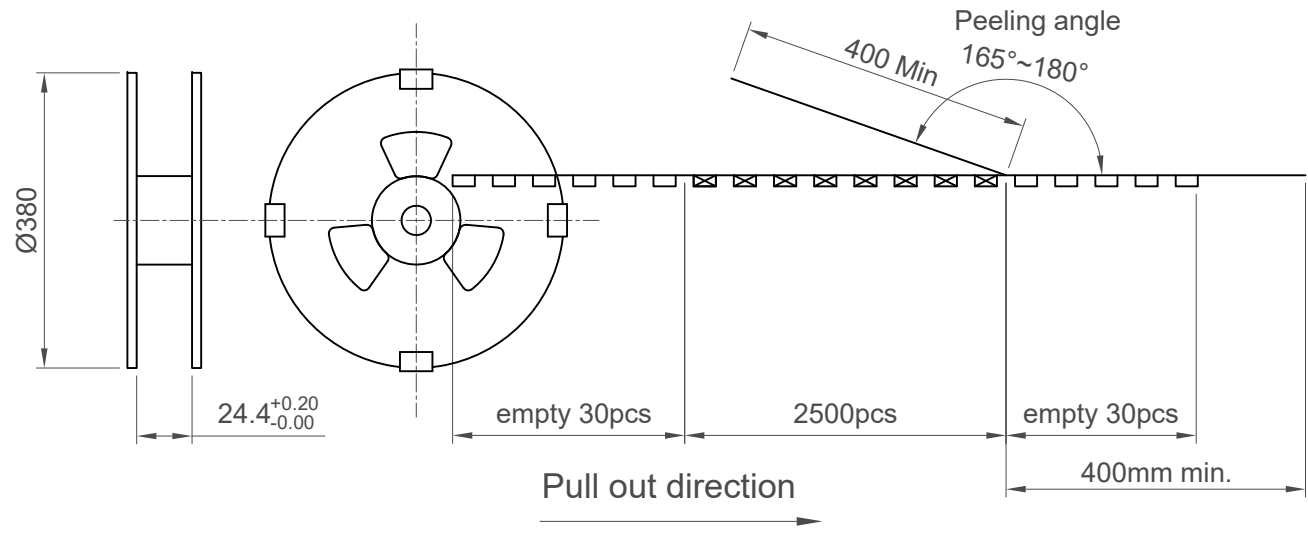
Pin Assignment		
Pin	Name	Description
P1	DAT2	Data Bit 2
P2	CD/DAT3	Card Detect/Data Bit 3
P3	CMD	Command Line
P4	V _{DD}	Supply Voltage
P5	CLK	Clock
P6	V _{SS}	Ground
CD	CD	Card Detect
P7	DAT0	Data Bit 0
P8	DAT1	Data Bit 1

Recommended PCB Layout

As viewed from component side General Tolerance: ± 0.05

 Solder Area
  Keep Out Area
  Component Outline

Part Number		Product Description			 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	 www.gct.co		
MEM2085		Micro SD Memory Card Connector						
Drawing Date		Push-Pull, SMT, 1.15mm Profile						
20th December 2022					Not to Scale	Drawn By CC	Sheet No. 2/3	
By	CC	Tolerances (Except as Noted)						Units:
Detail	Drawing Release	Length	Angle					Metric (mm)
Revision	A	X.X ± 0.35	$\pm 2^\circ$					
Date	20/12/22	X.XX ± 0.20	X.XXX ± 0.10					



Pcs/Reel	Reels/Carton	Pcs/Carton
2500	6	15000

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MEM2085		Micro SD Memory Card Connector			
Drawing Date		Push-Pull, SMT, 1.15mm Profile			
20th December 2022					Not to Scale Drawn By CC Sheet No. 3/3
By	CC	Tolerances (Except as Noted)			
Detail	Drawing Release	Length	Angle		
Revision	A	-	-	Units: Metric (mm)	
Date	20/12/22				

