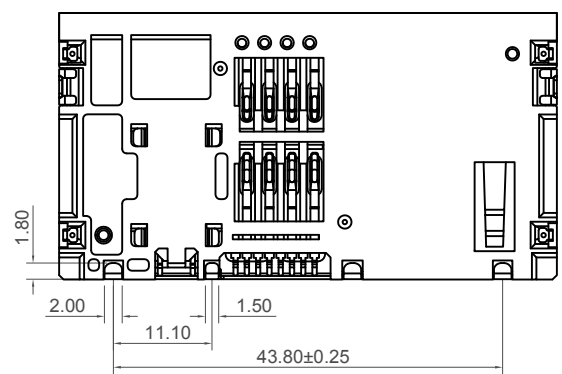
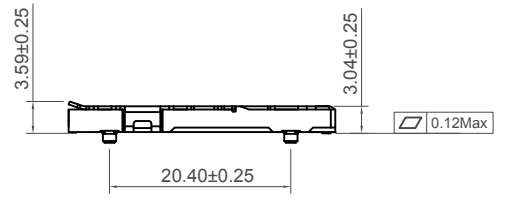
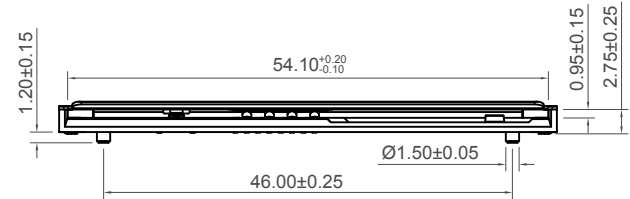
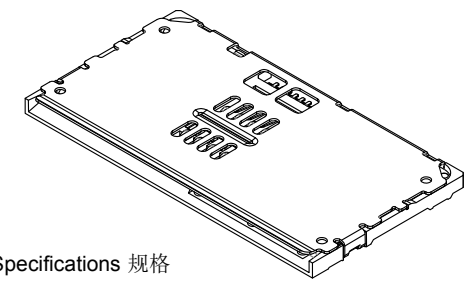
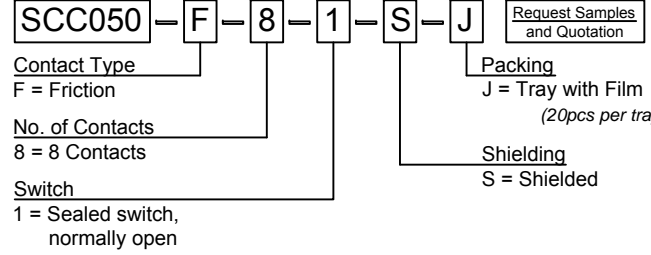


Recommended PCB Layout

Viewed from component side, General Tol: ±0.05
 [Hatched] Solder Area [Cross-hatched] Keep Out Area [Dashed] Component Outline



Ordering Grid



Specifications 规格

Material 物料

Plastic Housing 塑胶外壳: Hi-Temp Thermoplastic UL94V-0, Black
 Contact Terminal 接触端子: Copper Alloy, C5210
 Metallic Shell 金属外壳: Stainless Steel, SUS304
 Switch Button 开关压片: Stainless Steel, SUS301
 Switch Contact 开关接触: Copper Alloy, C5210
 Grounding Tag 接地片: Brass, C2680

Plating 电镀

Under-plating 底层电镀: 30µ" min. Nickel all over
 Data Contact 数据端子:
 Contact Area 接触区: 10µ" Gold
 Solder Area 焊接区: 100µ" Tin
 Switch Contact 开关接触:
 Contact Area 接触区: 10µ" Silver
 Solder Area 焊接区: 100µ" Tin
 Grounding Tag 接地片:
 Solder Area 焊接区: 100µ" Tin

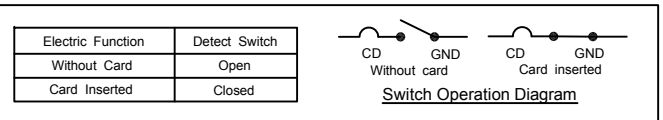
Electrical 电气

Voltage rating 电压额定值: 30V max.
 Current Rating 电流额定值: 1 Amp
 Contact Resistance 接触电阻值: 100 mΩ max.
 Insulation Resistance 绝缘电阻值: 1000 MΩ min.
 Dielectric Withstand Voltage 耐电压: 500 V AC

Mechanical & Environmental 机械 & 环境

Solderability 可焊性:
 IR Reflow 回流焊: 250°C for 5 sec. max.
 Manual Solder 人工焊接: 370°C for 3 sec. max.

Operating Temperature 工作温度: -40°C to +85°C
 Durability 耐久性: 500,000 cycles



Part Number		Product Description	
SCC050		Smart Card Connector - Friction Contact Type, 8 Contact, Standard Mount, with Normally Open Sealed Switch	
Drawing Date		5th August 2015	
By	AJO	Tolerances (Except as Noted)	Units: Metric (mm)
Detail	Drawing Release	Length: X. ± 0.35	Angle: X.° ± 5°
Revision	A	X.X ± 0.30	X.XX° ± 4°
Date	05/08/15	X.XX ± 0.25	X.XXX° ± 3°
		X.XXX ± 0.10	X.XXX° ± 2°

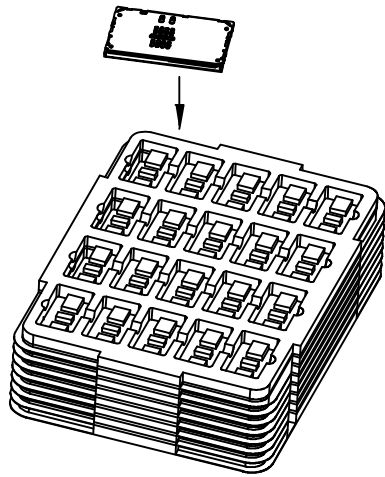


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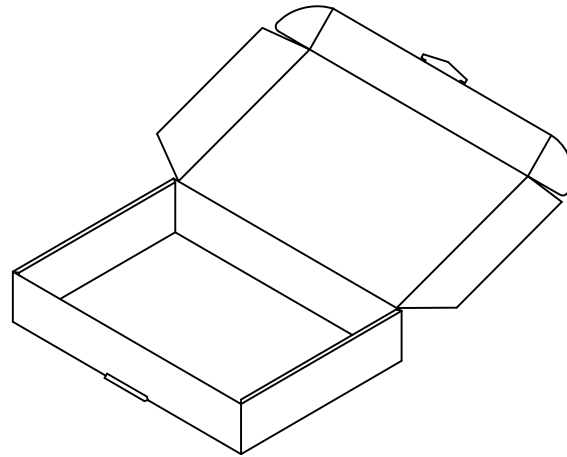
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 Global Connector Technology
 www.gct.co

Not to Scale	Drawn By AJO	Sheet No. 1/2
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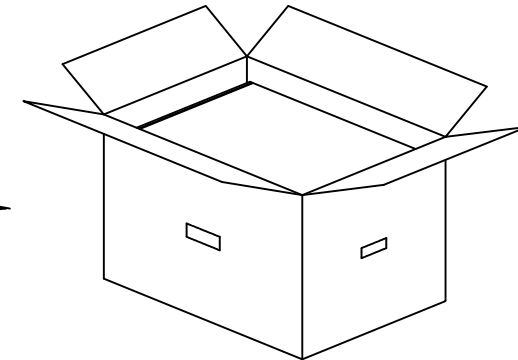
Part Number	Pcs/Tray	Trays/Carton	Cartons/Box	Pcs/Box
SCC050	20	18 (+2 empty)	5	1800



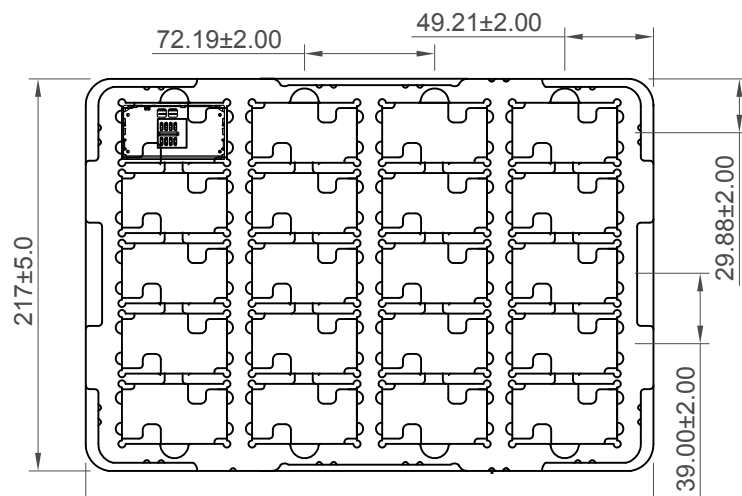
20pcs per tray
 Tray : 21.75cm L x 31.5cm W x 1.40cm H



360pcs per carton (18 trays set in order plus two empty trays)
 Carton: 46.0cm L x 32.0cm W x 8.80cm H
 Net Weight: 2.66kg Gross Weight: 3.63kg



1800pcs per box (5 cartons set in order)
 Box: 48.0cm L x 34.6cm W x 46.00cm H
 Net Weight: 13.30kg Gross Weight: 19.08kg



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
SCC050		Smart Card Connector - Friction Contact Type, 8 Contact, Standard Mount, with Normally Open Sealed Switch			
Drawing Date		5th August 2015			
By	AJO	Tolerances (Except as Noted)	Units:		Global Connector Technology www.gct.co
Detail	Drawing Release	Length	Metric (mm)		
Revision	A	Angle			
Date	05/08/15				
Not to Scale	Drawn By AJO	Sheet No. 2/2			