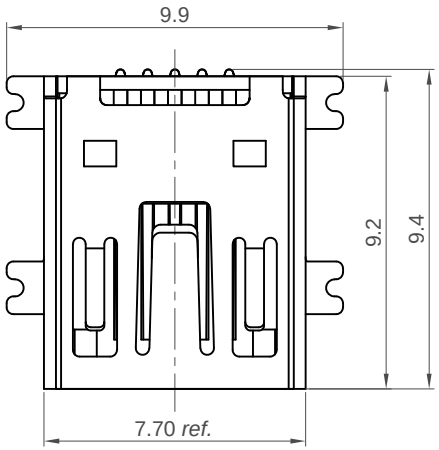
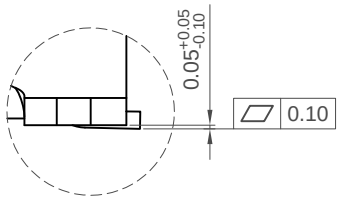
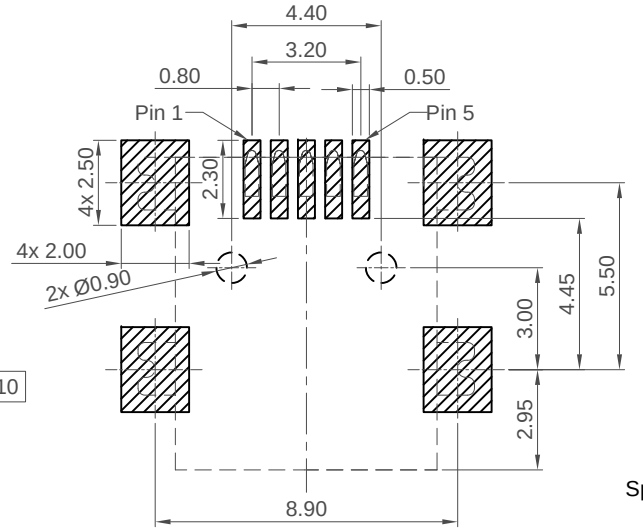
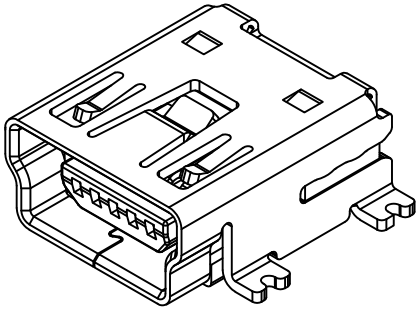


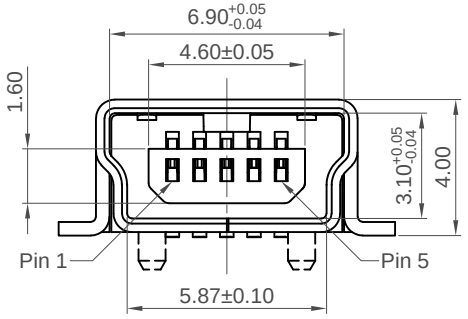


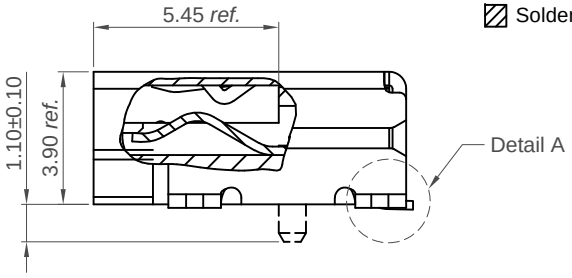
Detail A
Scale 2:1

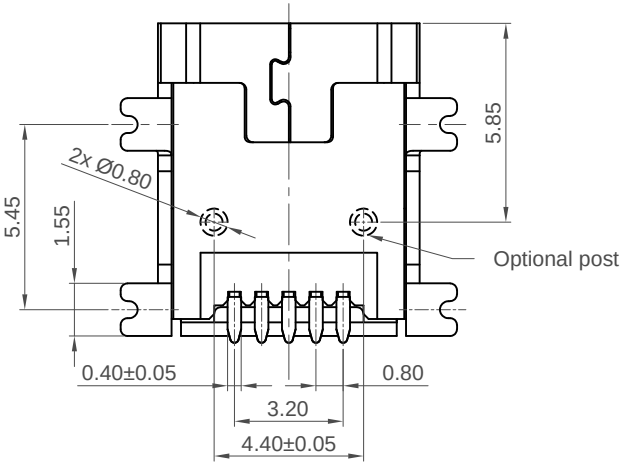


Recommended P.C.B Layout
General Tolerance: ±0.05
as viewed from component side
Solder Area Component Outline









Ordering Grid

USB2066 – 05 – RBHM – 15 – STB – 00 – XX – A (Request Samples and Quotation)

- No. of Contacts: 05
- Contact Plating: 15 = 15u" Gold
- Offset: 00 = No Offset
- Optional Post: 01 = With Post; 00 = Without Post
- Packing Options: A = Tape & Reel (With Mylar) *(Quantity per Reel: 750 pcs)*

Specifications:

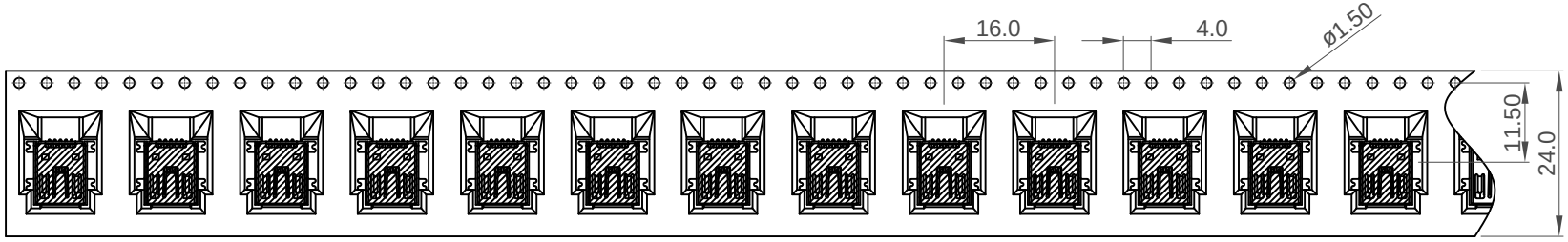
Materials:
- Plastic Housing: LCP UL94V-0, Black
- Contact Terminal: Phosphor Bronze,T=0.25mm
- Metallic Shell: Brass,T=0.4mm

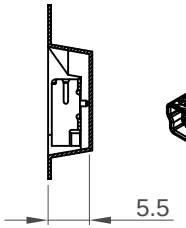
Plating:
- Contact Terminal plating:
  - Underplating: Nickel all over
  - Contact Area: 15µ" Gold
  - Solder Tails: Bright Tin
- Metallic Shell plating: Matte Tin 50µ" all over
  - Underplating: Nickel 50µ" all over

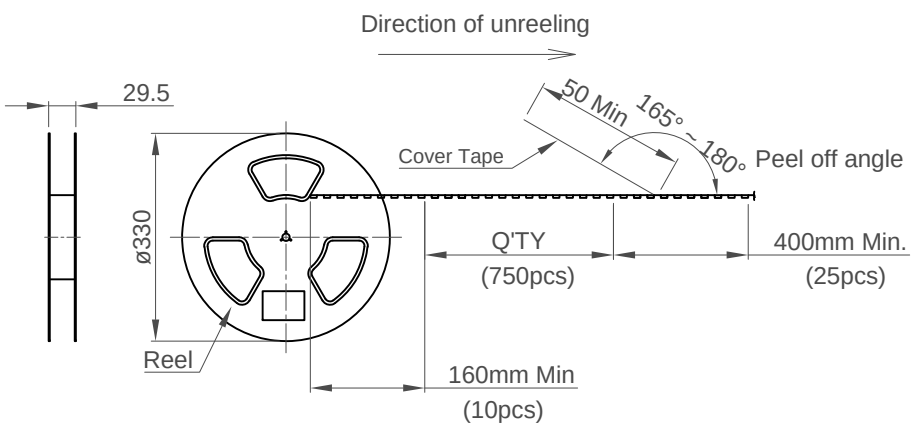
Electrical:
- Voltage Rating: 30VDC
- Current Rating: 1A
- Operating Temperature: -50°C to +85°C
- Contact Resistance: 50mΩ Max.
- Insulation Resistance: 100MΩ Min
- Dielectric Withstanding Voltage:
  - 100VAC for 1 minute, No Discharge or Flash

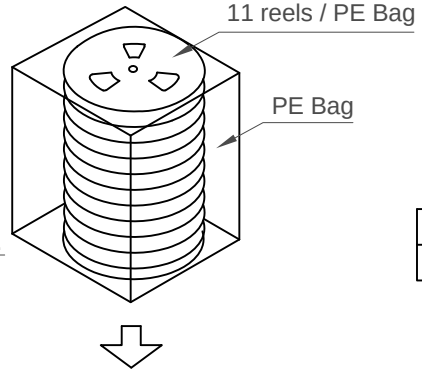
Mechanical:
- Mating Force: 35N (3.57Kgf) Max.
- Unmating Force: Initial 7N (0.71Kgf) Min.
  Final 3N (0.31Kgf) Min.
- Durability: 5,000 Cycles

Part Number: USB2066		Product Description: Mini USB Receptacle, Type B, 5 Pin, SMT, Horizontal, Optional Post, 9.40mm Length					
Drawing Date: 4th June 2009							
By	CC	Tolerances (Except as Noted) Length	Angle	Units: Metric (mm)	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	USB2066 D PCN	X.X ± 0.35	X.° ± 1°	3rd Angle Projection			Not to Scale / Drawn By LYH / Sheet No. 1/2
Revision	D1	X.XX ± 0.25	X.X° ± 0.5°				
Date	17/01/20	X.XXX ± 0.150	X.XX° ± 0.25°				

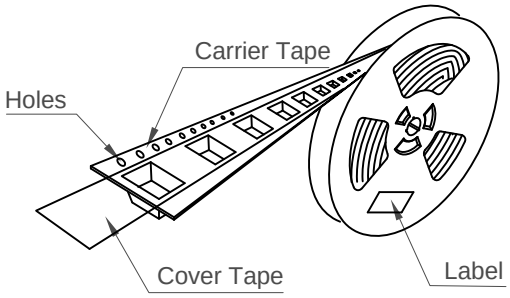


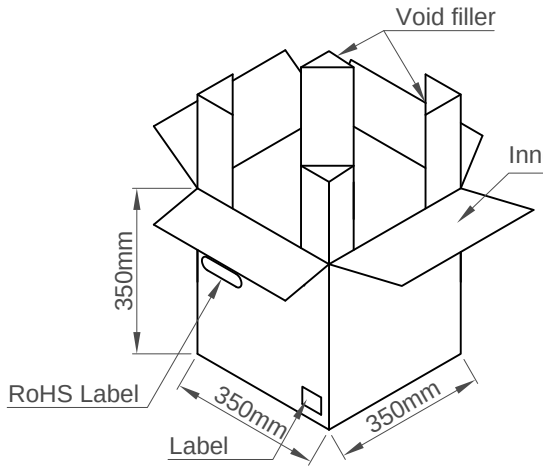


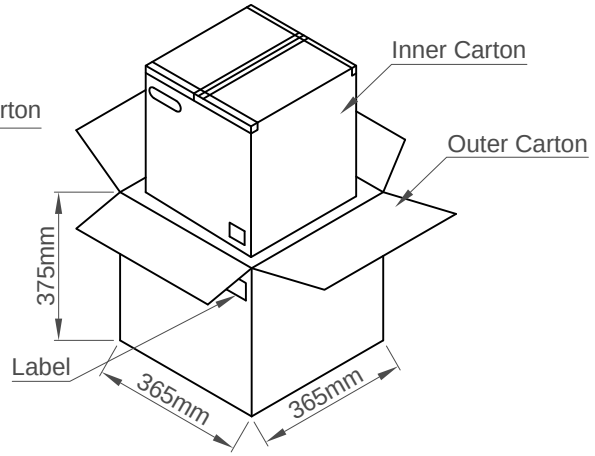




Pcs / Reel	Reels / Carton	Total Quantity
750	11	8250 pcs







Part Number	Product Description
USB2066	Mini USB Receptacle, Type B, 5 Pin, SMT, Horizontal, Optional Post, 9.40mm Length
Drawing Date	
4th June 2009	

By	CC	Tolerances (Except as Noted) Length	Angle	Units: Metric (mm)	RoHS COMPLIANT 2011/65/EU Deca-BDE	©	GCT www.gct.co
Detail	USB2066 D PCN	-	-	3rd Angle Projection		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	
Revision	D1						
Date	17/01/20						

Not to Scale	Drawn By LYH	Sheet No. 2/2