



RECOMMENDED P.C.B LAYOUT(TOP VIEW)  
DEFAULT TOLERANCE:±0.05

**Specification:**

**\*Electrical Characteristics:**

Contact Current Rating:1.8Amperes for contacts 1&5,same time 0.5A for contacts 2,3&4.  
Dielectric Withstanding Voltage:AC 100V r.m.s.  
Insulation Resistance:100MΩ Minimum.  
Contact Resistance:30mΩ Maximum.

**\*Mechanical Characteristics:**

Contact Insertion Force:35N Maximum.  
Contact Separation Force:10N Minimum.

**\*Environmental:**

Operating Temperature:-30°C~+80°C.

**\*Materials:**

Insulation:Thermoplastic UL 94V-0.  
Contact: Copper Alloy(t=0.20mm).  
Shell: SUS(t=0.20mm).  
RoHs Compliant

**ORDER INFORMATION**

MUBR- 21 05 - B K X 3 R 1

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**1. CONNECTOR:**

MUBR: MICRO USB B TYPE R/A CONNECTOR

**2. TYPE:**

21 FEMALE, SMT, HEIGHT 2.25mm

**3. POSITIONS**

05: 5 POSITIONS

**4. INSULATOR MATERIAL**

B: LCP

**5. INSULATOR COLOR**

K: BLACK

**6. CONTACT PLATING**

1: GOLD FLASH

2: GOLD 3 u"

3: GOLD 5 u"

5: GOLD 15 u"

6: GOLD 30 u"

**7. SHIELD PLATING**

3: NICKEL PLATING

TOLERANCE	
LINEAR	ANGLES
X, ±	X° ±3°
.X ±0.38	.X° ±



TITLE:  
MICRO USB B FEMALE 5PIN SMT TYPE

PART NO. MUBR-2105-BKX3R1

DWG NO. GTI08-30329

[A]	ISSUED	FOX	10/15/08	.XX ±0.25	.XX° ±	APPD:	MAT'L:	UNITS	SCALE	SHEET	REV
REV	ECN NO.	NAME	DATE	.XXX ±0.10	.XXX° ±	CHKD:	FINISH:				
						DRWN: FOX	Q'TY:	MM	NONE	1 OF 1	A