

| Part Number     | Contact Area Plating Finish |
|-----------------|-----------------------------|
| KMBVXHT-TH2-B   | Gold Flash (standard)       |
| KMBVXHT-TH2-B30 | 30u" Gold (30 option)       |

Recommended PCB Layout  
(Top View)

**Material and Finish**

Insulator: High Temperature Thermoplastic, UL 94V-0 Rated, Black

Shell: Phosphor Bronze, Nickel Plated

Contact Material: Phosphor Bronze

Contact Plating Options:

Standard: Gold Flash on Contact Area, Tin Plated on Solder Tails, All over Nickel Underplate

30 Option: 30u" Gold Plated on Contact Area, Tin Plated on Solder Tails, All over Nickel Underplate

**Electrical Characteristics**

Rated Current: 1A

Rated Voltage: 30V AC/DC

Insulation Resistance: 100 Megohms Min.

Contact Resistance: 50 milliohms Max.

Dielectric Withstanding Voltage: 100V AC For 1 Minute

**Mechanical Characteristics**

Durability: 5000 Mating Cycles Min.

Operating Temperature: -55°C to +85°C

**RoHS COMPLIANT**

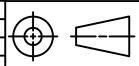
| Tolerances              |
|-------------------------|
| X.X ± 0.35              |
| X.XX ± 0.25             |
| Unless Stated Otherwise |

| REV. | DATE     | DESCRIPTION     | REV. BY    | CHK. BY     | DRAWN BY   | DATE     |
|------|----------|-----------------|------------|-------------|------------|----------|
| A0   | 05/30/17 | New Drawing     | J. Elbanna | G. Serrato  | J. Elbanna | 05/30/17 |
| A1   | 08/08/17 | Release Drawing | G. Serrato | C. Kelleher |            |          |
|      |          |                 |            |             |            |          |
|      |          |                 |            |             |            |          |

**KMBVXHT-TH2-Bxx**

USB, Mini-B Type socket

High Temp, Vertical Mount, Through Hole



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