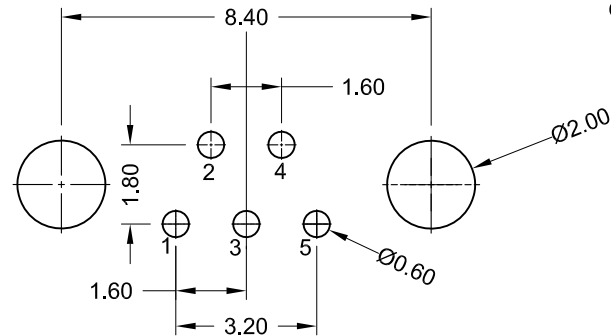


Part Number	Contact Area Plating Finish
KMBVXHT-TH2-B	Gold Flash (standard)
KMBVXHT-TH2-B30	30u" Gold (30 option)



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.

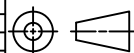
Operating Temperature:
-55°C to +85°C

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		



UNITS
mm

KMBVXHT-TH2-Bxx

USB, Mini-B Type socket

High Temp, Vertical Mount, Through Hole



Mouser Electronics

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[KMBVXHT-TH2-B](#)