



Notice of Discontinuation

Company: KYCON, Inc.
305 Digital Dr.
Morgan Hill, CA 95037
USA
408-494-0330

3/31/2023

Re: **EOL**

Part Number: KLDX-SMT2-0202-ATR; KLDX-SMT2-0202-BTR

Please note that the above part numbers are EOL due to worn tooling.

Engineering has approved an alternate part.

Please contact your Kycon Sales Representatives for details.

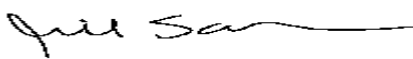
Alternate part numbers:

KLDX-SMT2-0202-ATR-1

KLDX-SMT2-0202-BTR-1

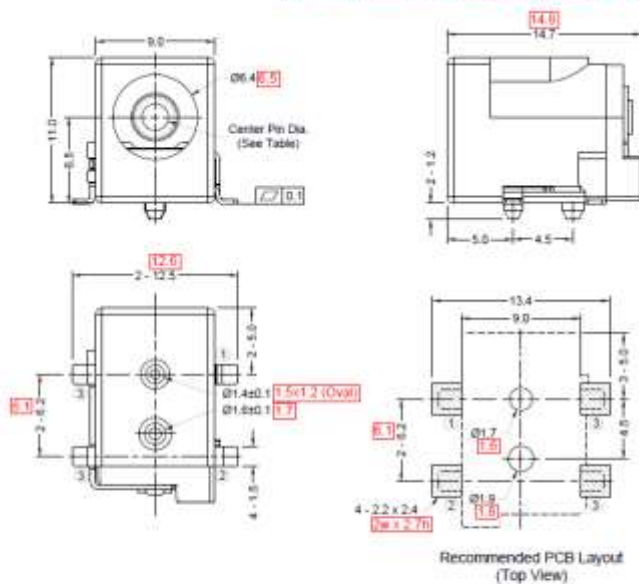
Redline drawing attached

Please contact your Kycon sales representative if you require more information.

Signature: 

Name: Jill Scarnecchia Phone: 408-494-0330

As Compared to KLDX-SMT2-0202-xTR Rev. B5



Materials and Finish

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

Contact Material

Center Pin: Copper Alloy, Nickel Plated
Contact #1: Copper Alloy, Silver Plated
Contact #2: Copper Alloy, Silver Plated
Contact #3: Copper Alloy, Silver Plated

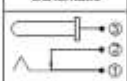
Electrical Characteristics

Rated Current: 5A **0.5A**
 Rated Voltage: 25V DC **24V**
 Insulation Resistance:
 100 Megohms Min. at 500V/DC
 Contact Resistance:
 30 Milliohms Max. (Initial)
 60 Milliohms Max. (After Durability)
 Dielectric Withstanding Voltage:
 500V AC RMS for 1 Minute

Mechanical Characteristics

Insertion Force: 0.3 Kg - 3.0 Kg
Withdrawal Force: 0.3 Kg - 3.0 Kg
Durability: 5000 Mating Cycles Min
Operating Temperature:
-25°C to +85°C

Schematic



Part Number	Center Pin Dia.
KL0X-SMT3-0202-ATR-1	Ø2.0 $^{+0.01}_{-0.01}$
KL0X-SMT3-0202-BTR-1	Ø2.5 $^{+0.01}_{-0.01}$

Tolerances:	
1/16"	X.X ± 0.25
1/32"	X.XX ± 0.25
	Unless Stated Otherwise.

RoHS COMPLIANT

PRELIMINARY
PART IN DESIGN
SPECIFICATION SUBJECT TO CHANGE

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
AS	11/08/02	New Drawing	C. Kalleher	C. Kalleher	C. Kalleher	11/08/02
AUT	06/01/03	Update - 2003	C. Kalleher	C. Kalleher	C. Kalleher	

KLDX-SMT2-0202-xTR-1
 UNITS
 mm
 * = Carrier Pin Option

DC Power Jack, SMT, R/A.

Tape & Reel, RoHS Compliant

