



Notice of Discontinuation

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

3/6/2023

Re: **EOL**

Part Number: KLDPX-0207-A; KLDPX-0207-B

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:

KLDPX-0207-A-1

KLDPX-0207-B-1

Redline drawing attached

KYCON, Inc. 305 Digital Drive, Morgan Hill, CA 95037 (408)494-0330

As Compared to KLDPX-0207-x Rev. A5

Center Pin
 "A" Type $\varnothing 2.0_{-0.1}^{+0.05}$
 "B" Type $\varnothing 2.5_{-0.1}^{+0.05}$

SECTION A-A

Recommended PCB Layout (Bottom View) Tol.: ± 0.05

Schematic

Part Number **Center Pin Dia.**
 KLDPX-0207-A-1 $\varnothing 2.0_{-0.1}^{+0.05}$
 KLDPX-0207-B-1 $\varnothing 2.5_{-0.1}^{+0.05}$

PRELIMINARY
 PART IN DESIGN
 SPECIFICATION SUBJECT TO CHANGE

Tolerances
 0.25 X.X ± 0.3
 0.15 X.XX ± 0.20
 Unless Stated
 Otherwise

Materials and Finish
 Housing: PBT Thermoplastic
 UL 94V-0 Rated, Black Color
 Contact Material:
 Center Pin: Copper Alloy, Nickel Plated
 Contact #3: Copper Alloy, Tin Plated
 Contact #1: Copper Alloy, Tin Plated
 Contact #2: Copper Alloy, Tin Plated

Electrical Characteristics
 Rated Current: 2.5A 3.5
 Rated Voltage: 13.5V DC 48
 Insulation Resistance:
 100 Megohms Min. at 500V DC
 Contact Resistance:
 30 Milliohms Max. (Initial)
 60 Milliohms Max. (Final)
 Dielectric Withstanding Voltage:
 250 500V AC RMS for 1 Minute

Mechanical Characteristics
 Insertion Force: 0.3 Kg - 3.0 Kgf 2.0
 Withdrawal Force: 0.3 Kg - 3.0 Kgf 2.0
 Durability: 5000 Mating Cycles Min.
 Operating Temperature:
 -25°C to +85°C

RoHS COMPLIANT

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
00	11/05/22	New Drawing	C. Kelleher	C. Furumasa	C. Kelleher	11/2/22
001	10/27/22	USDAE 129/24	C. Kelleher	C. Furumasa	C. Kelleher	

UNITS: **KLDPX-0207-x-1**
mm

DC Power Jack, Panel Mount
2.0/2.5mm RoHS Compliant

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

Signature:

Name: Jill Scarnecchia Phone: 408-494-0330