
	Title:	Revision:	Revision Date:
	72-0480 Common Cathode Diode Pack Module	B	1/2/2025

Common Cathode Diode Pack Module

Part Number: 72-0480

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Lake-View Electronics Corporation www.lvelectronics.com Ph: 1-800-686-0109 Fx: 262-375-0109 sales@lvelectronics.com

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Revision History:

Rev	Rev Date	Modified by	Description
A	3/13/2024	ERZ	First Release
B	1/2/2025	ERZ	Removed preliminary marking, updated temperature and ingress protection specification after DV testing, included mechanical drawings

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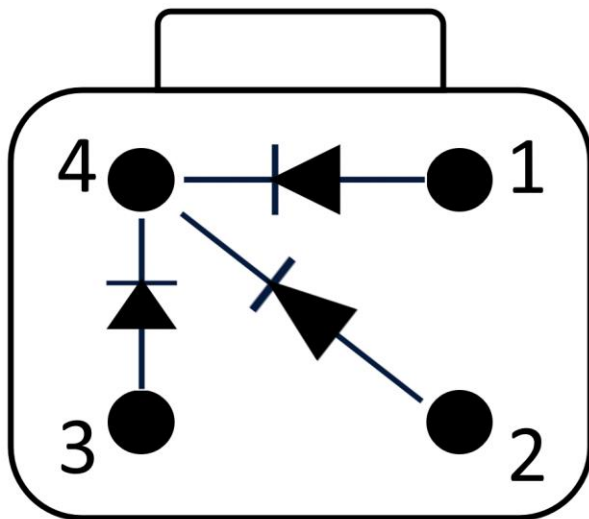
1. Project Overview and Description

The 72-0480 Diode Pack Module is intended to prevent voltage spikes resulting from actuating relays and solenoids which could damage other components in the system. This diode pack consists of three diodes connected to a common pin by each of their cathodes.


2. Electrical/Environmental Specifications

Parameter	Min	Typ.	Max	Units	Notes
Reverse Bias Voltage (per diode)	-	-	16	VDC	
Forward Voltage Drop	-	0.29	-	VDC	Forward voltage drop increases with forward current
Continuous Forward Current (per diode)	-	-	2	A	Maximum continuous steady state current at maximum operating temperature.
Operating Temperature	-40	-	70	°C	
Ingress Protection	-	-	IPX7	-	

2.1 Diode Pack Pinout/Schematic



72-0480 Common Cathode Pinout

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3. Connector Specifications

3.1 Connector




DT04-4P Connector

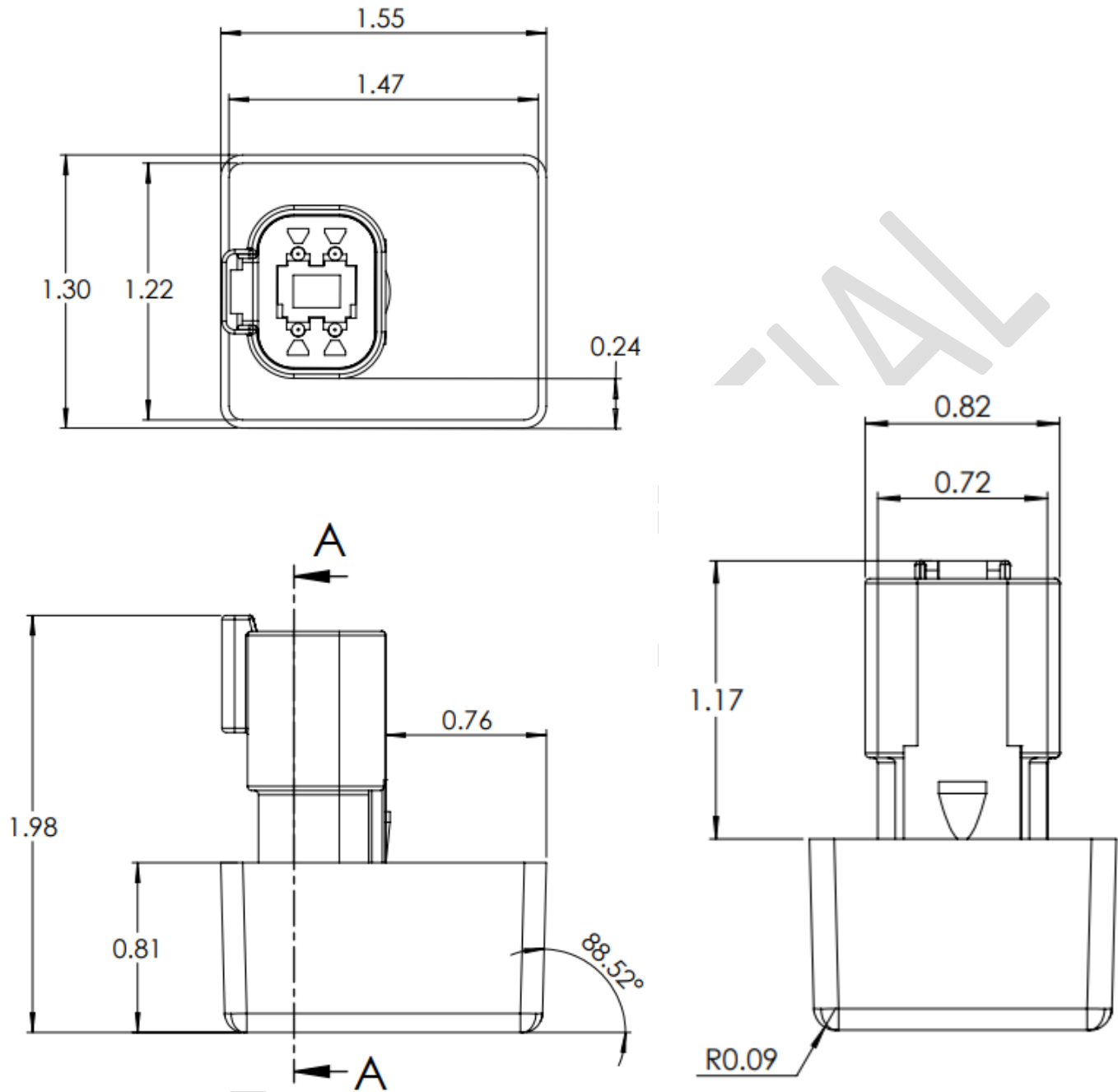
3.2 Mating Connectors

Type	Part Number	Manufacturer
Mating Connector	DTP06-4S	Deutsch
Mating Contact	0462-201-16141	Deutsch
Mating Wedgelock	W4S	Deutsch

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4. Mechanical Specifications



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