

Product Overview

HMHA281: 4-Pin Half-Pitch Mini-Flat Phototransistor Optocouplers

For complete documentation, see the data sheet.

The HMHA281 and HMHA2801 series devices consist of a gallium arsenide infrared emitting diode driving a silicon phototransistor in a compact 4-pin mini-flat package. The lead pitch is 1.27 mm.

Features

- Compact 4-Pin Package:
 - ◆ 2.4 mm Maximum Standoff Height
 - ◆ Half-Pitch Leads for Optimum Board Space Savings
- Safety and Regulatory Approvals:
 - ◆ UL1577, 3.750 VACRMS for 1 Minute
 - ◆ DIN-EN/IEC60747-5-5, 565 V Peak Working Insulation Voltage
- These Devices are Pb-Free and are RoHS Compliant

Applications

- AC-DC Merchant Power Supply
- Consumer Appliances
- Industrial Motor

Part Electrical Specifications

Product	Compliance	Status	Chan nels	CTR (Min) (%)	CTR (Max) (%)	CTR teste d @ IF (mA)	V _{CE(sat)} (V)	BV _{CE0} (V)	BV _{CB0} (V)	BV _{EC0} (V)	t _{on} (μs)	t _{off} (μs)	V _{ISO} (V)	T _{OPR} (Min) (°C)	T _{OPR} (Max) (°C)	Pack age Type
HMHA281	Pb-free	Active	1	50	600	5	0.4	80	-	7	-	-	3750	-40	100	MFP-4
HMHA281R2	Pb-free	Active	1	50	600	5	0.4	80	-	7	-	-	3750	-40	100	MFP-4
HMHA281R2V	Pb-free	Active	1	50	600	5	0.4	80	-	7	-	-	3750	-40	100	MFP-4

For more information please contact your local sales support at www.onsemi.com.

Created on: 5/19/2019