



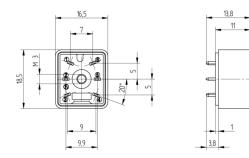
## Product: GO 6 UM

GO-Series Power Receptacle Connector: Male, rear PCB mount, 6-pin, black body; 50V AC/DC, 6 A

## **Product Description**

GO-Series Power Receptacle Connector: Male, rear PCB mount, 6-pin, black body; 50V AC/DC, 6 A

## **Technical Drawing**



## **Technical Specifications**

### **Technical Data**

Product Family:	Power Connector
Product Sub Family:	GO Series
Brand:	Hirschmann
Connector Type:	Receptacle
Type of Contact / Gender:	male
Connector Design:	Rear PCB mount
Number of Pins:	6
Shielding:	Unshielded
Rated Voltage:	50V AC/DC
Rated Impulse Voltage:	1.5 kV
Operating Voltage:	50 V AC/DC
Rated Current*:	6 A
Contact Resistance:	≤ 10 mOhm
Mating Cycles:	≤ 50
Type of Connection:	solder
Ambient Temperature (Operation)*:	-40°C to +90°C
Protection Degree / IP Rating**:	IP65
Design Standard:	DIN EN 61984 (VDE 0627)
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Clearance / Creepage Distance:	DIN EN 60664-1 (2008/01); VDE 0110-1

#### **Materials**

Contact Base Material:	CuZn
Contact Plating:	Cu/Sn
Contact Bearer Material:	PC GF
Contact Bearer Color:	black
Flammability Class (Contact Bearer):	UL 94 V-2

#### **Additional Technical Data**

Mounting:	Ultrasonic Welding
Mating Connectors / Fitting to:	GO 6 WF

#### **Approvals**

VDE:

VDE-Reg.-Nr.: D182

#### Safety & Environmental Compliance

RoHS Compliant:	yes

#### **Notes**

Note Derating: Protection Degree / IP Rating Note:		Notice derating	
		$^{\star\star}$ only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.	
Note:		Do not connect or disconnect under load.	

#### Variants

Item #	Item Description	
932350100	GO 6 UM	

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