



**Power PCB relay OMI/OMIH** (Continued)

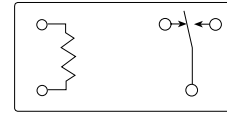
**Other Data**

Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen content refer to the Product Compliance Support Center at [www.te.com/customersupport/rohssupportcenter](http://www.te.com/customersupport/rohssupportcenter)

Ambient temperature	
standard coil	-30 to 60°C
sensitive coil	-30 to 70°C
Category of environmental protection	
IEC 61810	RTII - flux proof, RTIII - wash tight
Vibration resistance (functional)	10 to 50Hz, 1.5mm double amplitude
Shock resistance (functional)	
IEC 60068-2-27 (half sine)	98m/s <sup>2</sup> , 11ms
Terminal type	PCB-THT
Weight	13g
Resistance to soldering heat THT	
IEC 60068-2-20	260°C/5s
Packaging/unit	box/1000 pcs.

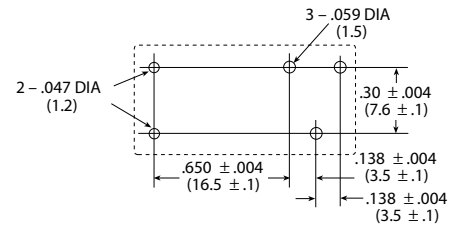
**Terminal assignment**

Bottom view on solder pins

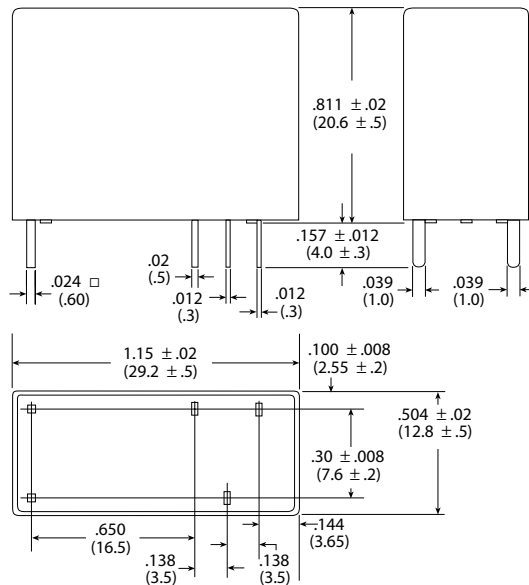


**PCB layout**

Bottom view on solder pins



**Dimensions**



**Product code structure**

Typical product code

**OMI -SS -1 12 D 1 ,300**

Type	OMI / OMIH Power PCB Relay OMI / OMIH	
Sealing	SS Flux proof	SH Wash tight
Pole	1 1pole	
Coil	Coil code: please refer to coil versions table	
Coil power	D Standard 720mW	L Sensitive 540mW
Contact arrangement	1 OMIH : 1 form C (CO) AgSnO	M1 OMI : 1form A (NO), AgSnO
	M OMIH : 1 form A (NO), AgSnO	
Suffix	Blank Standard (OMI)	300 Standard OMIH, 1 form C (CO), flux proof
		394 Standard OMIH, 1form A (NO), wash tight

**Power PCB relay OMI/OMIH** (Continued)

Product code	Version	Contact	Cont.material	Coil power	Coil voltage	Sealing	Part number
OMI-SS-105DM1	10A	1 form A (NO)	AgSnO	720mW	5VDC	Flux proof	1721129-3
OMI-SS-112DM1					12VDC		1721129-9
OMI-SS-124DM1				540mW	24VDC		1-1721129-3
OMI-SS-105LM1					5VDC		1721129-4
OMI-SS-112LM1		1 form C (CO)		720mW	12VDC		1-1721129-0
OMI-SS-124LM1					24VDC		1-1721129-4
OMI-SS-105D1				540mW	5VDC		1721130-3
OMI-SS-112D1					12VDC		1721130-9
OMI-SS-124D1		1 form A (NO)		720mW	24VDC	Wash tight	1-1721130-3
OMI-SS-105L1					5VDC		1721130-4
OMI-SS-112L1				540mW	12VDC		1-1721130-0
OMI-SS-124L1					24VDC		1-1721130-4
OMI-SH-105DM1		1 form C (CO)		720mW	5VDC		1-1721129-9
OMI-SH-112DM1					12VDC		2-1721129-5
OMI-SH-124DM1				540mW	24VDC		2-1721129-9
OMI-SH-105LM1					5VDC		2-1721129-0
OMI-SH-112LM1		1 form A (NO)		720mW	12VDC		2-1721129-6
OMI-SH-124LM1					24VDC		3-1721129-0
OMI-SH-105D1				540mW	5VDC		1-1721130-9
OMI-SH-112D1					12VDC		2-1721130-5
OMI-SH-124D1		1 form C (CO)		720mW	24VDC		2-1721130-9
OMI-SH-105L1					5VDC		2-1721130-0
OMI-SH-112L1				540mW	12VDC		2-1721130-6
OMI-SH-124L1					24VDC		3-1721130-0
OMIH-SS-105DM,300	16A	1 form A (NO)		720mW	5VDC	Flux proof	1461022-5
OMIH-SS-112DM,300					12VDC		8-1440000-4
OMIH-SS-124DM,300				540mW	24VDC		8-1440000-9
OMIH-SS-105LM,300					5VDC		2-1419153-1
OMIH-SS-112LM,300		1 form C (CO)		720mW	12VDC		8-1440000-6
OMIH-SS-124LM,300					24VDC		2-1419153-2
OMIH-SS-105D1,300				540mW	5VDC		1721535-1
OMIH-SS-112D1,300					12VDC		1721535-4
OMIH-SS-124D1,300		1 form A (NO)		720mW	24VDC	Wash tight	1721535-7
OMIH-SS-105L1,300					5VDC		1721535-2
OMIH-SS-112L1,300				540mW	12VDC		1721535-5
OMIH-SS-124L1,300					24VDC		1721535-8
OMIH-SH-105DM,394		1 form C (CO)		720mW	5VDC		1-1461373-5
OMIH-SH-112DM,394					12VDC		1-1461373-8
OMIH-SH-124DM,394				540mW	24VDC		1-1461373-9
OMIH-SH-105LM,394					5VDC		6-1440000-7
OMIH-SH-112LM,394		1 form A (NO)		720mW	12VDC		7-1440000-1
OMIH-SH-124LM,394					24VDC		1461373-3
OMIH-SH-105D1,300				540mW	5VDC		1-1721535-1
OMIH-SH-112D1,300					12VDC		1-1721535-4
OMIH-SH-124D1,300		1 form C (CO)		720mW	24VDC		1-1721535-7
OMIH-SH-105L1,300					5VDC		1-1721535-2
OMIH-SH-112L1,300				540mW	12VDC		1-1721535-5
OMIH-SH-124L1,300					24VDC		1-1721535-8

# Mouser Electronics

Authorized Distributor

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## TE Connectivity:

[2-1461183-8](#) [OMI-SH-212L,594](#) [OMI-SH-212D,594](#) [OMI-SH-224D,594](#) [OMI-SH-224L,594](#) [OMI-SH-112L,394](#) [OMI-SH-112D,394](#) [OMI-SH-205D,594](#) [OMI-SH-205L,594](#) [OMI-SH-124L,394](#) [OMIH-SH-112D,394](#) [OMIH-SH-112L,394](#) [OMIH-SH-105L,394](#) [OMIH-SH-105D,394](#) [OMIH-SH-124L,394](#) [OMIH-SH-124D,394](#) [OMI-SS-212L,500](#) [OMI-SH-105LM,394](#) [OMI-SH-112LM,394](#) [OMI-SS-112LM,000](#) [OMI-SS-205L,500](#) [OMI-SS-212D,500](#) [OMI-SS-224L,500](#) [OMIF-S-124LM,000](#) [OMIH-SH-124L,000](#)