



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

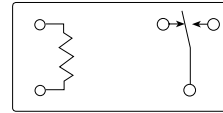
**Other Data**

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.

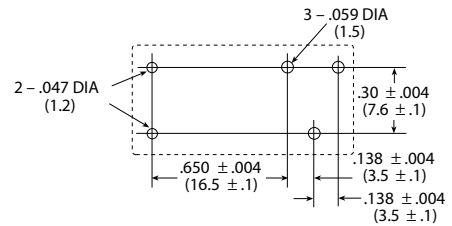
**Terminal assignment**

Bottom view on solder pins

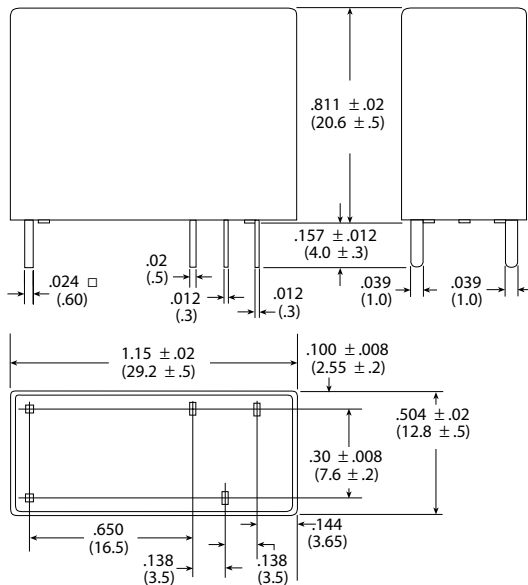


**PCB layout**

Bottom view on solder pins



**Dimensions**



**Product code structure**

Typical product code

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

<b>Type</b>	OMI / OMIH Power PCB Relay OMI / OMIH	
<b>Sealing</b>	<b>SS</b> Flux proof	<b>SH</b> Wash tight
<b>Pole</b>	<b>1</b> 1pole	
<b>Coil</b>	Coil code: please refer to coil versions table	
<b>Coil power</b>	<b>D</b> Standard 720mW	<b>L</b> Sensitive 540mW
<b>Contact arrangement</b>	<b>1</b> OMIH : 1 form C (CO) AgSnO <b>M</b> OMIH : 1 form A (NO), AgSnO	<b>M1</b> OMI : 1form A (NO), AgSnO
<b>Suffix</b>	<b>Blank</b> Standard (OMI)	<b>300</b> Standard OMIH, 1 form C (CO), flux proof <b>394</b> 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					24VDC		1-1721129-3	
OMI-SS-105LM1				540mW	5VDC	1721129-4		
OMI-SS-112LM1					12VDC	1-1721129-0		
OMI-SS-124LM1					24VDC	1-1721129-4		
OMI-SS-105D1		1 form C (CO)			720mW	5VDC		1721130-3
OMI-SS-112D1						12VDC	1721130-9	
OMI-SS-124D1						24VDC	1-1721130-3	
OMI-SS-105L1					540mW	5VDC	1721130-4	
OMI-SS-112L1						12VDC	1-1721130-0	
OMI-SS-124L1						24VDC	1-1721130-4	
OMI-SH-105DM1		1 form A (NO)		720mW	5VDC	Wash tight	1-1721129-9	
OMI-SH-112DM1					12VDC		2-1721129-5	
OMI-SH-124DM1					24VDC		2-1721129-9	
OMI-SH-105LM1				540mW	5VDC	2-1721129-0		
OMI-SH-112LM1					12VDC	2-1721129-6		
OMI-SH-124LM1					24VDC	3-1721129-0		
OMI-SH-105D1		1 form C (CO)			720mW	5VDC		1-1721130-9
OMI-SH-112D1						12VDC	2-1721130-5	
OMI-SH-124D1						24VDC	2-1721130-9	
OMI-SH-105L1					540mW	5VDC	2-1721130-0	
OMI-SH-112L1						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					24VDC		8-1440000-9	
OMIH-SS-105LM,300				540mW	5VDC	2-1419153-1		
OMIH-SS-112LM,300					12VDC	8-1440000-6		
OMIH-SS-124LM,300					24VDC	2-1419153-2		
OMIH-SS-105D1,300		1 form C (CO)			720mW	5VDC		1721535-1
OMIH-SS-112D1,300						12VDC	1721535-4	
OMIH-SS-124D1,300						24VDC	1721535-7	
OMIH-SS-105L1,300					540mW	5VDC	1721535-2	
OMIH-SS-112L1,300						12VDC	1721535-5	
OMIH-SS-124L1,300						24VDC	1721535-8	
OMIH-SH-105DM,394		1 form A (NO)		720mW	5VDC	Wash tight	1-1461373-5	
OMIH-SH-112DM,394					12VDC		1-1461373-8	
OMIH-SH-124DM,394					24VDC		1-1461373-9	
OMIH-SH-105LM,394				540mW	5VDC	6-1440000-7		
OMIH-SH-112LM,394					12VDC	7-1440000-1		
OMIH-SH-124LM,394					24VDC	1461373-3		
OMIH-SH-105D1,300		1 form C (CO)			720mW	5VDC		1-1721535-1
OMIH-SH-112D1,300						12VDC	1-1721535-4	
OMIH-SH-124D1,300						24VDC	1-1721535-7	
OMIH-SH-105L1,300					540mW	5VDC	1-1721535-2	
OMIH-SH-112L1,300						12VDC	1-1721535-5	
OMIH-SH-124L1,300						24VDC	1-1721535-8	

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