

Power PCB relay OMI/OMIH (Continued)

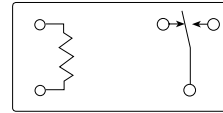
Other Data

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

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 ² , 11ms
Terminal type	PCB-THT
Weight	13g
Resistance to soldering heat THT	
IEC 60068-2-20	260°C/5s
Packaging/unit	box/1000 pcs.

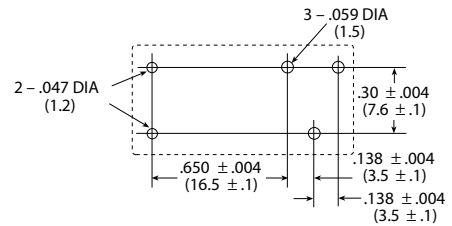
Terminal assignment

Bottom view on solder pins

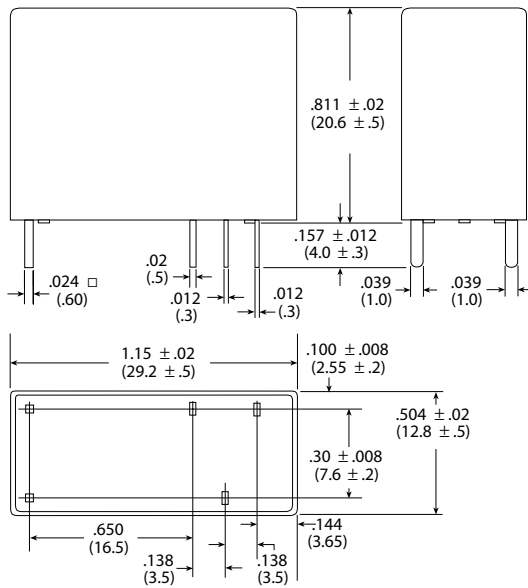


PCB layout

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 M OMIH : 1 form A (NO), AgSnO	M1 OMI : 1form 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					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	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