

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	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	