PS No.	PS-005-021
Version	00
Date	2015-9-7

RELAY SPECIFICATION

/Product Description RMIH-SS-124LM

/Part Number

/Customer

/Customer Approval

/STAMPING AREA

Issued by		
PD	SM	R&D

/ HISTORY

00	2015-9-7		

Relay Specification	Type	RMIH-SS-124LM	Part Number	

PS No.: PS-005-021 Ver 00

1. /PARTS LIST

No.	Part	MATERIAL	/ TYPE/TREATMENT	UL FILE No. FLAME CLASS
1	Bobbin	PBT	5010GN6-30 M8X	E53664
2	Case	PBT	RG301 5010GN6-30	E171666 E53664
3	Base	PBT	RG301	E171666
4	Card	PBT LCP	RG301 R850	E171666 E171666
5	Core	Steel	Nickel Plated	
6	Yoke	Steel	Nickel Plated	
7	Armature	Steel	Nickel Plated	
8	Hinge	Cu Alloy		
9	M M Terminal	Cu Alloy		
10	C C Terminal	Cu Alloy		
11	M M Contact	Ag Alloy		
12	C Contact	Ag Alloy		
13	Coil Terminal	Cu coverd Steel	Solder Coated	
14	Wire	Polyurethane copper wire	3UEW 155(F Class)	E164502 E234867
15	Sealing Resin	Epoxy		

Type Part Number

2. /SPECIFICATIONS

2.1 /COIL SPECIFICATIONS

2.1.1		24	VDC 20
	Rated Coil Voltage	24	VDC at 20
2.1.2		0.54	W 20
	Nominal Power	0.54	W at 20
2.1.3		1067	Ω±10 20
	Coil Resistance	1067	Ω±10 at 20
2.1.4		22.5	mA±10 20
	Nominal Current	22.5	mA±10 at 20
2.1.5		18	VDC 20
	Operate Voltage	18	VDC Max. at 20
2.1.6		1.2	VDC 20
	Release Voltage	1.2	VDC Min. at 20
2.1.7		37.2	VDC Max. 155
	Max Power	37.2	VDC Max. 155 of Nominal

2.2 /CONTACT SPECIFICATION

2.2.1			
	Contact Configuration	1 Form A	
2.2.2		16	A 277VAC
	Contact Rating	16	A @277VAC (Resistive)
2.2.3		100	mΩ (DC 24V/1A)
	Contact Resistance	100	mΩ Max. @ Initiate, DC 24V/1A
		500	mΩ (DC 24V/1A)
		500	mΩ Max. @ After Life, DC 24V/1A
2.2.4		20	ms
	Operate Time	20	ms Max. @ Rated Voltage
2.2.5		10	ms
	Release Time	10	ms Max. @ Rated Voltage
2.2.6		300	/
	Max. Switching Rate	300	ops./min. (no load).
		6	/

2.3 /GENERAL SPECIFICATION

2.3.1		1000	MΩ	500VDC
	Insulation Resistance	1000	MΩ Min@500VDC	
2.3.2		1000	VAC/ ( )	
	Dielectric Strength	5000	VAC/ (/)	
		1000	VAC@50/60Hz 1 min.(Between Open Contacts)	
		5000	VAC@50/60Hz 1 min.(Between Coil and Contacts)	
2.3.3		$1X10^5$	16A AC277V	
	Electrical Life	$1X10^5$	Cycle Min. @16A AC277V Rate Load	
2.3.4		$1X10^6$		
	Mechanical Life	$1X10^6$	Cycle Min. @no load	
2.3.5		40	105	
	Temperature	40	105	@no condensation
2.3.6		20	85% RH	
	Humidity	20	85% RH @no condensation	
2.3.7			10 55 Hz	1.5mm
	Vibration Mechanical		10 to 55 Hz, 1.5mm double amplitude	
			10 55 Hz	1.5mm
	Operational		10 to 55 Hz, 1.5mm double amplitude	
2.3.8		980	m/s^2 Min	100G
	Shock Mechanical	980	m/s^2 Min	100G approximately)
		98	m/s^2 Min	10G
	Operational	98	m/s^2 Min	10G approximately)
2.3.9		14		
	Weight	14	g	
2.3.10		5s	@ 260°C ( )	
	Solder ability	5s	@ 260°C (wave soldering)	

2.4 /TERMINAL CHARACTERSITICS

2.4.1		5 /10
	Terminals strength	5N 10s,Thereshall be no abnormalities.
		(The curving of the terminal shall be acceptable)
2.4.2		250±5 3s 3mm 90%
	Terminal solderbility	
		250±5 3s In Case of lead lead free solder,
		90% of the dipped portion shall be solderd.
2.4.3		10s 260°C 3s 350°C, 3mm
	Soldring Heat Resistance	10s @ 260°C or 3s @ 350°C ,There shall be no abnormalities.
		(wave soldering)

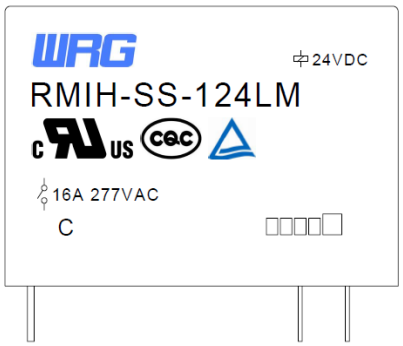
2.5 /SAFETY REQUIREMENTS

2.5.1 UL UL & C-UL
UL UL & C-UL File No.: E345228

2.5.2 CQC
CQC Certificate No.: CQC11002066332

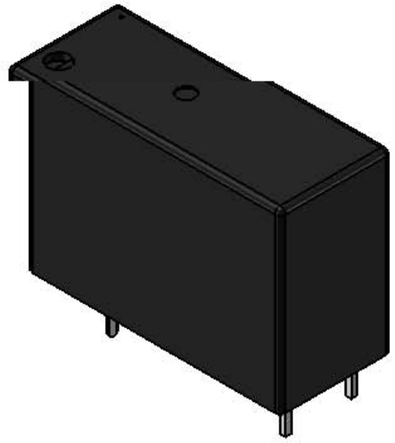
2.5.3 TUV
TUV Certificate No. R 50242245

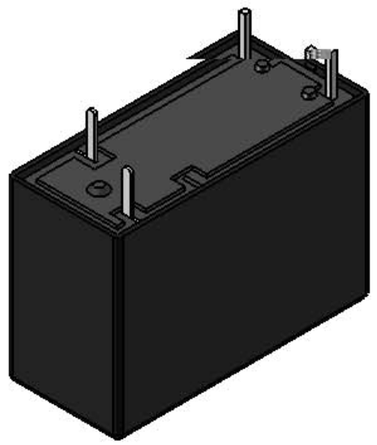
3. /Mark Layout

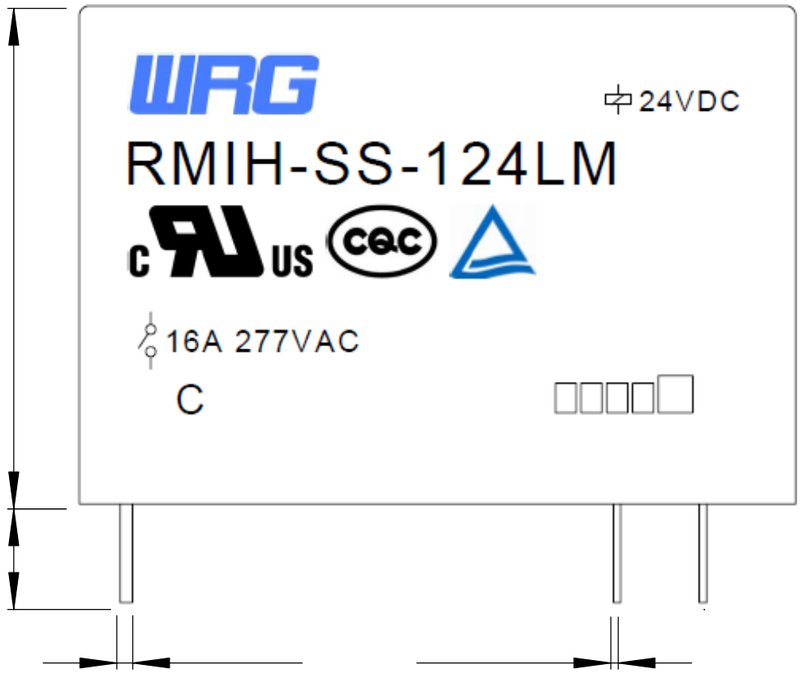


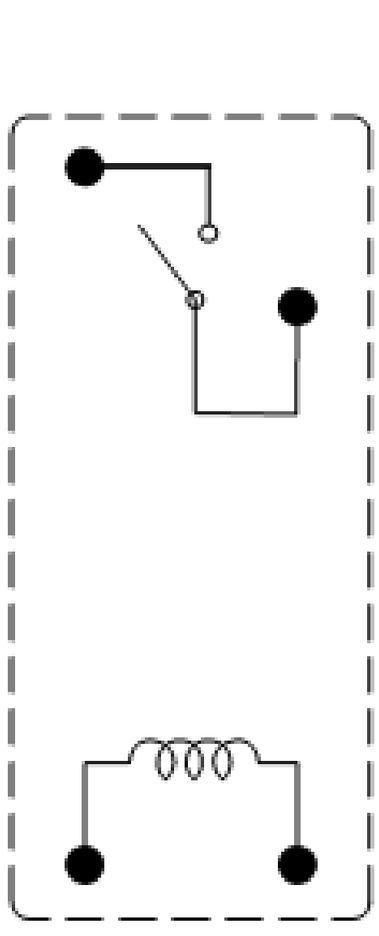
.
For reference only.

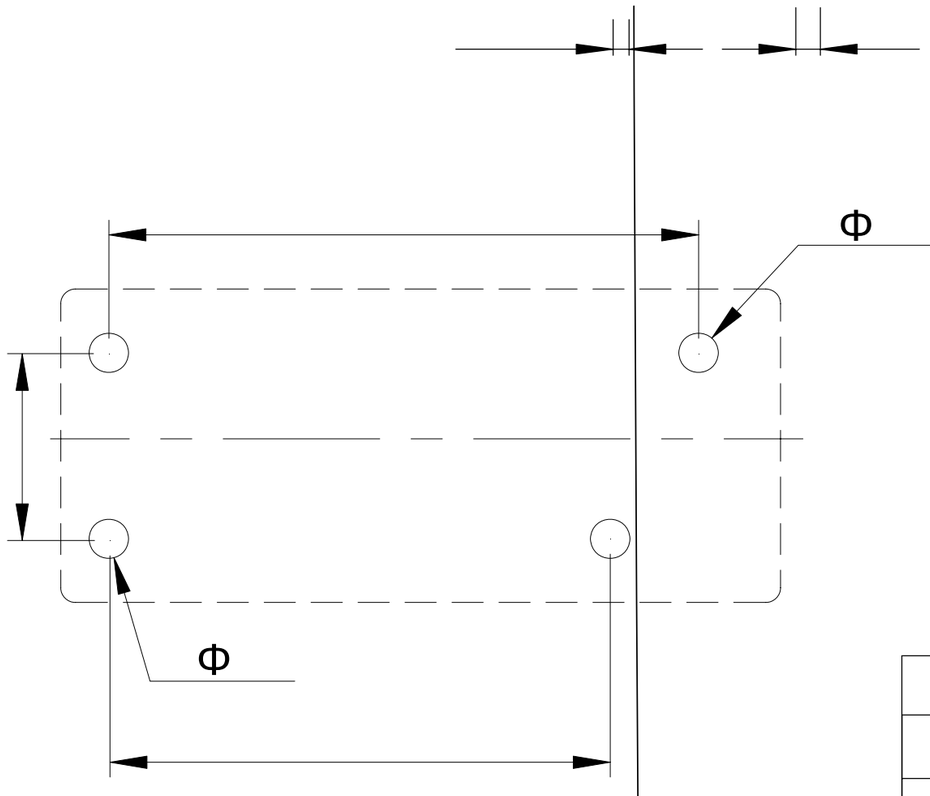
/<END>

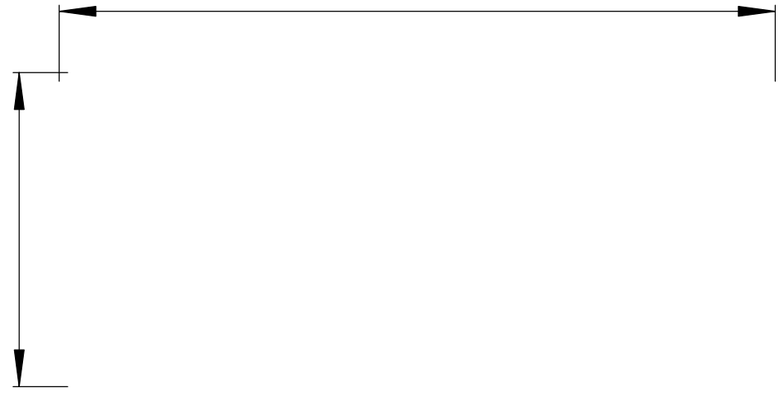












<1				RMIH A型	
>5					