

# Product Compliance Declaration

Please see [www.molex.com](http://www.molex.com) for the most up-to-date information.

## Contact Information

**Name** Molex Product Compliance **E-Mail** Product.Compliance@molex.com

## Part Information

**Part Number** 0191310045 **Part Weight** 0.521006G

**Part Name** BLOCK SPADE INSULKRIMP (AA-2109-04X)

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
BLOCK SPADE INSULKRIMP (AA-2109-04X)	Assembly		100	0.521006
AA-1109-04 BIN FOR MFG (NOT FOR SALE)	Component		71.2095	0.371006
ETP Copper Unplated	Material		71.2084	0.371
Copper	Substance	7440-50-8	71.1847	0.370876
Misc.	Substance	system	0.0237	0.000124
Tin Plating	Material		0.0011	0.000006
Tin	Substance	7440-31-5	0.0011	0.000006
RED PVC MOLDED INSULATOR BREEN	Component		28.7905	0.15
PVC	Material		28.2147	0.147
Polyvinylchloride	Substance	9002-86-2	25.6753	0.13377
Limestone	Substance	1317-65-3	1.2838	0.006688
2-ethylhexyl 10-ethyl-4,4-dimethyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	Substance	57583-35-4	0.4232	0.002205
Misc.	Substance	system	0.8323	0.004337

Form Rev - F

Limitation of this Product Compliance Declaration: This declaration is based on the state of knowledge and belief of Molex as of the date that it is provided. Molex bases its knowledge and belief on information provided by numerous sources, including third parties, and in certain circumstances laboratory test results. Molex has taken and continues to take reasonable steps to provide representative and accurate information but may not have conducted destructive testing or chemical analysis on incoming materials and substances. Molex represents that to the best of its knowledge that the information provided in this declaration is accurate. Molex's sole liability shall be to either replace the product or refund the purchase price of the product if it does not meet the requirement of this declaration.

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Colorant	Material		0.5758	0.003
Polyvinylchloride	Substance	9002-86-2	0.2303	0.0012
Misc.	Substance	system	0.0058	0.00003
Titanium-dioxide	Substance	13463-67-7	0.0979	0.00051
Pigment Red 254	Substance	84632-65-5	0.0288	0.00015
5,12-Dihydroquino[2,3-b]acridine-7,14-dione	Substance	1047-16-1	0.0691	0.00036
Soybean oil, epoxidized	Substance	8013-07-8	0.0288	0.00015
Bis(2-ethylhexyl) terephthalate	Substance	6422-86-2	0.1152	0.0006

---

## GADSL Declaration Information

**Regulatory Revision** GADSL imported from IMDS

### Contained Substances Exceeding Threshold

Not reviewed

---

## ROHS Declaration Information

**Regulatory Revision** EU 2015/863

**Compliance Status** Compliant

### Contained Substances Exceeding Threshold

None

### Exemptions

None

Form Rev - F

Limitation of this Product Compliance Declaration: This declaration is based on the state of knowledge and belief of Molex as of the date that it is provided. Molex bases its knowledge and belief on information provided by numerous sources, including third parties, and in certain circumstances laboratory test results. Molex has taken and continues to take reasonable steps to provide representative and accurate information but may not have conducted destructive testing or chemical analysis on incoming materials and substances. Molex represents that to the best of its knowledge that the information provided in this declaration is accurate. Molex's sole liability shall be to either replace the product or refund the purchase price of the product if it does not meet the requirement of this declaration.

## REACH-SVHC Declaration Information

Regulatory Revision D(2020)9139-DC (19 Jan 2021)

### Contained Substances Exceeding Threshold

None


## HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

### Contained Substances Exceeding Threshold

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Chlorine and its compounds	PVC	900	910,000	Yes
Chlorine and its compounds	Colorant	900	450,000	Yes
Bromine and Chlorine combined	PVC	1,500	910,000	Yes
Bromine and Chlorine combined	Colorant	1,500	450,000	Yes

## China ROHS Declaration Information

Part Number 0191310045		<b>Hazardous Substances</b>					
Part Name BLOCK SPADE INSULKRIMP (AA-2109-04X)							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
BLOCK SPADE INSULKRIMP (AA-2109-04X)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
AA-1109-04 BIN FOR MFG (NOT FOR SALE)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
RED PVC MOLDED INSULATOR BREEN	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

## Process Information

Component Plating / Surface Finish	N/A
Termination Base Alloy	N/A

Form Rev - F

Limitation of this Product Compliance Declaration: This declaration is based on the state of knowledge and belief of Molex as of the date that it is provided. Molex bases its knowledge and belief on information provided by numerous sources, including third parties, and in certain circumstances laboratory test results. Molex has taken and continues to take reasonable steps to provide representative and accurate information but may not have conducted destructive testing or chemical analysis on incoming materials and substances. Molex represents that to the best of its knowledge that the information provided in this declaration is accurate. Molex's sole liability shall be to either replace the product or refund the purchase price of the product if it does not meet the requirement of this declaration.

Solder Alloy	N/A
Process Capability	N/A
Maximum Exposure Time (seconds)	N/A
Maximum Process Temperature (C)	N/A
Maximum Cycles at Reflow Temperature	N/A
J-STD-020 Moisture Sensitivity Level	N/A

Mar 24, 2021

Form Rev - F

Limitation of this Product Compliance Declaration: This declaration is based on the state of knowledge and belief of Molex as of the date that it is provided. Molex bases its knowledge and belief on information provided by numerous sources, including third parties, and in certain circumstances laboratory test results. Molex has taken and continues to take reasonable steps to provide representative and accurate information but may not have conducted destructive testing or chemical analysis on incoming materials and substances. Molex represents that to the best of its knowledge that the information provided in this declaration is accurate. Molex's sole liability shall be to either replace the product or refund the purchase price of the product if it does not meet the requirement of this declaration.