

Product Compliance Declaration

Please see 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 0191640003 **Part Weight** 0.879006G

Part Name RING PERMA-SEAL (SA-221-10)

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
RING PERMA-SEAL (SA-221-10)	Assembly		100	0.879006
A-121-10 BIN FOR MFG NOT FOR SALE	Component		65.3017	0.574006
ETP Copper Unplated	Material		65.301	0.574
Copper	Substance	7440-50-8	65.2793	0.573809
Misc.	Substance	system	0.0217	0.000191
Tin Plating	Material		0.0007	0.000006
Tin	Substance	7440-31-5	0.0007	0.000006
NIAC INSL RD- .ID/ IN PCS (KB)	Component		34.6983	0.305
EVAC Adhesive	Material		8.6746	0.07625
Ethylene-vinyl acetate copolymer	Substance	24937-78-8	6.0288	0.052994
Polycyclopentadiene	Substance	68132-00-3	1.3012	0.011438
Phenol, polymer with 2,6,6-trimethylbicyclo(3.1.1)hept-2-ene	Substance	25359-84-6	1.3012	0.011438
Pentaerythritol tetrakis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate)	Substance	6683-19-8	0.0434	0.000381

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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)
EMA	Material		26.0237	0.22875
2-Propenoic acid, 2-methyl-, polymer with ethene, sodium salt	Substance	25608-26-8	25.8936	0.227606
Misc.	Substance	system	0.1301	0.001144

ROHS Declaration Information

Regulatory Revision EU 2015/863

Compliance Status Compliant

Contained Substances Exceeding Threshold

None

Exemptions

None

REACH-SVHC Declaration Information

Regulatory Revision D(2020)4578-DC (25 June 2020)

Contained Substances Exceeding Threshold

None

GADSL Declaration Information

Regulatory Revision GADSL imported from IMDS

Contained Substances Exceeding Threshold

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	150	Yes
copper	Electrolytic Tough Pitch Copper (ETP, CA110)	*Note	999,500	Yes

***Note:** For GADSL substance declarable/prohibited threshold values, please reference <http://www.gadsl.org/>

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Exemptions

Part Name	Exemption
e-plate Sn (electrodeposited Tin Coatings, bright and matt)	44 Concentration within acceptable GADSL limits


HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

None

China ROHS Declaration Information

Part Number 0191640003		Hazardous Substances					
Part Name RING PERMA-SEAL (SA-221-10)							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
RING PERMA-SEAL (SA-221-10)	○	○	○	○	○	○	
A-121-10 BIN FOR MFG NOT FOR SALE	○	○	○	○	○	○	
NIAC INSL RD- .ID/ IN PCS (KB)	○	○	○	○	○	○	

Process Information

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

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Mar 24, 2021

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