

# 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** 0190730017 **Part Weight** 0.697904G

**Part Name** RING AVIKRIMP (AA-821-10)

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
RING AVIKRIMP (AA-821-10)	Assembly		100	0.697904
AA-121-10 BIN FOR MFG NOT FOR SALE	Component		66.0555	0.461004
ETP Copper Unplated	Material		66.055	0.461
Copper	Substance	7440-50-8	66.033	0.460846
Misc.	Substance	system	0.022	0.000154
Tin Plating	Material		0.0005	0.000004
Tin	Substance	7440-31-5	0.0005	0.000004
EXTD NYLON (.) LIGHT RED	Component		12.7381	0.0889
PA66	Material		12.7381	0.0889
Polyamid 6.6	Substance	32131-17-2	12.4834	0.087122
Misc.	Substance	system	0.2548	0.001778
TFAA-55R-VN FERRULE HEATTREATED & PLATED	Assembly		21.2064	0.148
TFAA-55R-VNP FERRULE AS PURCHASED	Component		21.2064	0.148

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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)
Cartridge Brass 70% Unplated	Material		20.9943	0.14652
Copper	Substance	7440-50-8	14.696	0.102564
Zinc (metal)	Substance	7440-66-6	6.2983	0.043956
Tin Plating	Material		0.2121	0.00148
Tin	Substance	7440-31-5	0.2121	0.00148

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## ROHS Declaration Information

**Regulatory Revision** EU 2015/863

**Compliance Status** Compliant

### Contained Substances Exceeding Threshold

None

### Exemptions

None

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## REACH-SVHC Declaration Information

**Regulatory Revision** D(2021)10043-DC (17 Jan 2022)

### Contained Substances Exceeding Threshold

None

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## GADSL Declaration Information

**Regulatory Revision** GADSL imported from IMDS

### Contained Substances Exceeding Threshold

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Lead	Cartridge Brass 70% (CA260)	*Note	350	Yes
Lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	150	Yes

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Copper	Cartridge Brass 70% (CA260)	*Note	700,000	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/>

### Exemptions

Part Name	Exemption
Cartridge Brass 70% (CA260)	44 Concentration within acceptable GADSL limits
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 0190730017		<b>Hazardous Substances</b>					
Part Name RING AVIKRIMP (AA-821-10)							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
RING AVIKRIMP (AA-821-10)	○	○	○	○	○	○	
AA-121-10 BIN FOR MFG NOT FOR SALE	○	○	○	○	○	○	
EXTD NYLON (.) LIGHT RED	○	○	○	○	○	○	
TFAA-55R-VN FERRULE HEATTREATED & PLATED	○	○	○	○	○	○	
TFAA-55R-VNP FERRULE AS PURCHASED	○	○	○	○	○	○	

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## Additional Information

Annex XVII to REACH (76/769/EEC)	Compliant
Regulation (EU) 2019/1021 (POP)	Compliant

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## Process Information

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