

# 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** 0190020009 **Part Weight** 1.038007G

**Part Name** .187X.032 FEM. FIQD AVIKRIMP (AA-5271)

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
.187X.032 FEM. FIQD AVIKRIMP (AA-5271)	Assembly		100	1.038007
.187X.032 FEMALE QD /REEL (AAZ-1137-032)	Component		60.4049	0.627007
Cartridge Brass 70% Unplated	Material		60.4042	0.627
Copper	Substance	7440-50-8	42.283	0.4389
Zinc (metal)	Substance	7440-66-6	18.1213	0.1881
Tin Plating	Material		0.0007	0.000007
Tin	Substance	7440-31-5	0.0007	0.000007
- FIQD HSNG, FEET, RED (-C-R)	Component		20.8091	0.216
Nylon 66	Material		19.9044	0.206609
Polyamid 6.6	Substance	32131-17-2	19.5063	0.202477
Misc.	Substance	system	0.3981	0.004132
Colorant	Material		0.9047	0.009391
Misc.	Substance	system	0.0543	0.000563

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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)
Polyamid6	Substance	25038-54-4	0.8505	0.008828
FERRULE PLATED (TFAA-57R)	Assembly		18.786	0.195
FERRULE PURCHASED *** (TFAA-RP)	Component		17.919	0.186
C2200	Material		17.919	0.186
Copper	Substance	7440-50-8	16.1271	0.1674
Iron	Substance	7439-89-6	0.0045	0.000046
Lead	Substance	7439-92-1	0.0045	0.000046
Zinc (metal)	Substance	7440-66-6	1.7829	0.018507
Tin Plating	Material		0.867	0.009
Tin	Substance	7440-31-5	0.867	0.009

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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(2020)9139-DC (19 Jan 2021)

### 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	C2200	*Note	250	Yes
lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	Yes
copper	Cartridge Brass 70% (CA260)	*Note	700,000	Yes
copper	C2200	*Note	900,000	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
C2200	44 Concentration within acceptable GADSL limits
e-plate Sn (electrodeposited Tin Coatings, bright and matt)	44 Concentration within acceptable GADSL limits

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## HFLH Declaration Information

Regulatory Revision IEC 61249-2-21


### Contained Substances Exceeding Threshold

None

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## China ROHS Declaration Information

Part Number 0190020009		<b>Hazardous Substances</b>				
Part Name .187X.032 FEM. FIQD AVIKRIMP (AA-5271)						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
.187X.032 FEM. FIQD AVIKRIMP (AA-5271)	○	○	○	○	○	○
.187X.032 FEMALE QD /REEL (AAZ-1137-032)	○	○	○	○	○	○
- FIQD HSNG, FEET, RED (-C-R)	○	○	○	○	○	○
FERRULE PLATED (TFAA-57R)	○	○	○	○	○	○
FERRULE PURCHASED *** (TFAA-RP)	○	○	○	○	○	○

## Process Information

Component Plating / Surface Finish	MSn
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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