

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 0190190001 **Part Weight** 0.552G

Part Name .110X.020 FEMALE QD AVIKRIMP (AA-8131)

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
.110X.020 FEMALE QD AVIKRIMP (AA-8131)	Assembly		100	0.552
.110X.020 FEMALE QD KRIMPTITE (AAZ-1131)	Assembly		48.7319	0.269
STMP-.110X.020 FEM QD KR (AAZ-1131)	Component		46.558	0.257
Cartridge Brass 70% Unplated	Material		46.558	0.257
Copper	Substance	7440-50-8	32.5906	0.1799
Zinc (metal)	Substance	7440-66-6	13.9674	0.0771
Tin Plating	Material		2.1739	0.012
Tin	Substance	7440-31-5	2.1739	0.012
EXTD NYLON (.425) RED (NT-102-02)	Component		15.942	0.088
PA66 PINK	Material		15.942	0.088
PA66 NATURAL	Material		15.6232	0.08624
PA66	Substance		14.842	0.081928
Further Additives, not to declare	Substance	system	0.7812	0.004312

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Color Concentrate	Material		0.3188	0.00176
PA66/6	Substance		0.3135	0.001731
Further Additives, not to declare	Substance	system	0.0053	0.000029
FERRULE PLATED (TFAA-57R)	Assembly		35.3261	0.195
FERRULE PURCHASED *** (TFAA-RP)	Component		33.6957	0.186
C2200	Material		33.6957	0.186
Copper	Substance	7440-50-8	30.3261	0.1674
Iron	Substance	7439-89-6	0.0084	0.000046
Lead	Substance	7439-92-1	0.0084	0.000046
Zinc (metal)	Substance	7440-66-6	3.3527	0.018507
Tin Plating	Material		1.6304	0.009
Tin	Substance	7440-31-5	1.6304	0.009

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)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

HFLH Declaration Information

Regulatory Revision IEC 61249-2-21


Contained Substances Exceeding Threshold

None

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China ROHS Declaration Information

Part Number 0190190001		Hazardous Substances				
Part Name .110X.020 FEMALE QD AVIKRIMP (AA-8131)						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
.110X.020 FEMALE QD AVIKRIMP (AA-8131)	○	○	○	○	○	○
.110X.020 FEMALE QD KRIMPTITE (AAZ-1131)	○	○	○	○	○	○
STMP-.110X.020 FEM QD KR (AAZ-1131)	○	○	○	○	○	○
EXTD NYLON (.425) RED (NT-102-02)	○	○	○	○	○	○
FERRULE PLATED (TFAA-57R)	○	○	○	○	○	○
FERRULE PURCHASED *** (TFAA-RP)	○	○	○	○	○	○

Process Information

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