

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 0190070064 **Part Weight** 1.182005G

Part Name .250X.032 FIQD FLAG V-O LOOSE(AA-2220V)

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
.250X.032 FIQD FLAG V-O LOOSE(AA-2220V)	Assembly		100	1.182005
.250X.032 FLAG QD KRIMP./REEL (AAZ-1156)	Component		59.8141	0.707005
Cartridge Brass 70% Unplated	Material		59.8136	0.707
Copper	Substance	7440-50-8	41.8695	0.4949
Zinc (metal)	Substance	7440-66-6	17.9441	0.2121
Tin Plating	Material		0.0004	0.000005
Tin	Substance	7440-31-5	0.0004	0.000005
HOUSING 94V-O FLAG 22-18 (196010006)	Component		40.1859	0.475
PA66 NATURAL	Material		38.1809	0.4513
Further Additives, not to declare	Substance	system	0.2727	0.003224
Diundecyl-phthalate	Substance	3648-20-2	0.6424	0.007593
Antimonytrioxide	Substance	1309-64-4	0.903	0.010674
Flame Retardant, ISO 1043-4 FR(17)	Substance		7.0301	0.083097

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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)
PA66	Substance		29.3326	0.346713
Color Concentrate	Material		2.0051	0.0237
Misc.	Substance	system	0.2245	0.002654
Titanium-dioxide	Substance	13463-67-7	0.0407	0.000481
PA6	Substance		1.7398	0.020565

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	Cartridge Brass 70% (CA260)	*Note	350	Yes
lead		*Note	500	Yes

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Antimonytrioxide	PA66/6 NATURAL	*Note	50,000	Yes
copper	Cartridge Brass 70% (CA260)	*Note	700,000	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
	44 Concentration within acceptable GADSL limits


HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Bromine and its compounds	PA66 NATURAL	900	200,000	Yes
Bromine and Chlorine combined	PA66 NATURAL	1,500	200,000	Yes

China ROHS Declaration Information

Part Number 0190070064		Hazardous Substances				
Part Name .250X.032 FIQD FLAG V-O LOOSE(AA-2220V)						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
.250X.032 FIQD FLAG V-O LOOSE(AA-2220V)	○	○	○	○	○	○
.250X.032 FLAG QD KRIMP./REEL (AAZ-1156)	○	○	○	○	○	○
HOUSING 94V-O FLAG 22-18 (196010006)	○	○	○	○	○	○

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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

Jan 14, 2021

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