

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 0190070073 **Part Weight** 1.424006G

Part Name .250X.032 FIQD FLAG V-O LOOSE(BB-2221V)

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
.250X.032 FIQD FLAG V-O LOOSE(BB-2221V)	Assembly		100	1.424006
.250X.032 FLAG QD KRIMP./REEL (BBZ-1157)	Component		53.0199	0.755006
Cartridge Brass 70% Unplated	Material		53.0195	0.755
Copper	Substance	7440-50-8	37.1136	0.5285
Zinc (metal)	Substance	7440-66-6	15.9058	0.2265
Tin Plating	Material		0.0004	0.000006
Tin	Substance	7440-31-5	0.0004	0.000006
HOUSING 94V-O FLAG 16-14 (196010007)	Component		46.9801	0.669
PA66 NATURAL	Material		44.6276	0.6355
Further Additives, not to declare	Substance	system	0.3188	0.004539
Diundecyl-phthalate	Substance	3648-20-2	0.7509	0.010692
Antimonytrioxide	Substance	1309-64-4	1.0555	0.01503
Flame Retardant, ISO 1043-4 FR(17)	Substance		8.2172	0.117013

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
PA66	Substance		34.2854	0.488225
Color Concentrate	Material		2.3525	0.0335
Misc.	Substance	system	0.2207	0.003143
Titanium-dioxide	Substance	13463-67-7	0.0305	0.000434
PA6	Substance		2.1013	0.029923

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

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
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
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

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 0190070073		Hazardous Substances				
Part Name .250X.032 FIQD FLAG V-O LOOSE(BB-2221V)						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
.250X.032 FIQD FLAG V-O LOOSE(BB-2221V)	○	○	○	○	○	○
.250X.032 FLAG QD KRIMP./REEL (BBZ-1157)	○	○	○	○	○	○
HOUSING 94V-O FLAG 16-14 (196010007)	○	○	○	○	○	○

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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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