

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 2042230002 **Part Weight** 2.18G

Part Name PLUG ASSY 2CKT 1.8MM SLD WTW

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
PLUG ASSY 2CKT 1.8MM SLD WTW	Assembly		100	2.18
PLUG HOUSING, 2CKT,1.8MM SLD WTW	Component		81.1927	1.77
PA4T GF BLACK	Material		81.1927	1.77
PA4T	Substance		40.9211	0.89208
GF-Fibre	Substance		25.1697	0.5487
Flame Retardant, ISO 1043-4 FR(40)	Substance		13.3968	0.29205
Carbon black	Substance	1333-86-4	0.406	0.00885
Further Additives, not to declare	Substance	system	1.2991	0.02832
PLUG REAR SEAL CAP, 2CKT,1.8MM SLD WTW	Component		15.5963	0.34
PA4T GF BLACK	Material		15.5963	0.34
PA4T	Substance		7.8606	0.17136
GF-Fibre	Substance		4.8349	0.1054
Flame Retardant, ISO 1043-4 FR(40)	Substance		2.5734	0.0561

Form Rev - F

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)
Carbon black	Substance	1333-86-4	0.078	0.0017
Further Additives, not to declare	Substance	system	0.2495	0.00544
MINI MAT SEAL RCPT X	Component		3.211	0.07
VMQ	Material		3.211	0.07
VMQ	Substance		1.8849	0.04109
Siloxanes and Silicones, di-Me, Me vinyl, vinyl group-terminated	Substance	68083-18-1	1.2523	0.0273
Silicon dioxide	Substance	7631-86-9	0.0161	0.00035
Siloxanes and silicones, di-Me, Me Ph	Substance	63148-52-7	0.0417	0.00091
Dimethylsilicone	Substance	63148-62-9	0.0064	0.00014
Pigment Blue 29 (C.I.)	Substance	57455-37-5	0.0096	0.00021

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(2021)4569-DC (8 July 2021)

Contained Substances Exceeding Threshold

None

Form Rev - F

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.

GADSL Declaration Information

Regulatory Revision GADSL imported from IMDS

Contained Substances Exceeding Threshold

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
glass, oxide, chemicals	PA4T GF BLACK	*Note	310,000	Yes

*Note: For GADSL substance declarable/prohibited threshold values, please reference <http://www.gadsl.org/>

Exemptions

None


HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

None

China ROHS Declaration Information

Part Number 2042230002		Hazardous Substances					
Part Name PLUG ASSY 2CKT 1.8MM SLD WTW							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
PLUG ASSY 2CKT 1.8MM SLD WTW	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
PLUG HOUSING, 2CKT,1.8MM SLD WTW	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
PLUG REAR SEAL CAP, 2CKT,1.8MM SLD WTW	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
MINI MAT SEAL RCPT X	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Form Rev - F

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.

Additional Information

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

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

Nov 16, 2021

Form Rev - F

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.