

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 0002092105 **Part Weight** 0.085G

Part Name TERM STRAIN RELIEF CRIMP 16-18 AWG

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
TERM STRAIN RELIEF CRIMP 16-18 AWG	Component		100	0.085
Cartridge Brass 70%	Material		50	0.0425
Tin Plating	Material		1.7172	0.00146
Tin	Substance	7440-31-5	1.7172	0.00146
Cartridge Brass 70% Unplated	Material		48.2828	0.04104
Copper	Substance	7440-50-8	33.798	0.028728
Zinc (metal)	Substance	7440-66-6	14.4848	0.012312
Tin Plating	Material		50	0.0425
Tin	Substance	7440-31-5	50	0.0425

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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.

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	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	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

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HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

None

China ROHS Declaration Information

Part Number 0002092105		Hazardous Substances				
Part Name TERM STRAIN RELIEF CRIMP 16-18 AWG						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
TERM STRAIN RELIEF CRIMP 16-18 AWG	○	○	○	○	○	○

Process Information

Component Plating / Surface Finish	Hot-Sn
Termination Base Alloy	Brass
Solder Alloy	N/A
Process Capability	WAVE
Maximum Exposure Time (seconds)	005
Maximum Process Temperature (C)	260
Maximum Cycles at Reflow Temperature	001
J-STD-020 Moisture Sensitivity Level	N/A

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