

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 0015916080 **Part Weight** 0.800112G

Part Name CGrid SMT Bkwy Hdr Tin 8Ckt T&R

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
CGrid SMT Bkwy Hdr Tin 8Ckt T&R	Assembly		100	0.800112
CGrid SMT Bkwy Hdr Tin 8Ckt Tube	Assembly		76.3783	0.611112
.025 124PLT BANDO PIN W/S 71134CLA124	Assembly		57.9934	0.464012
025 UNPLT BANDO PIN WST 71134CLA999	Component		54.9923	0.44
Phosphor Bronze 5% Unplated	Material		54.9923	0.44
Copper	Substance	7440-50-8	52.1602	0.41734
Tin	Substance	7440-31-5	2.7496	0.022
Phosphorus	Substance	7723-14-0	0.0825	0.00066
Nickel Plating	Material		0.9014	0.007212
Nickel	Substance	7440-02-0	0.9013	0.007211
Further Additives, not to declare	Substance	system	9E-05	7E-07
Tin Plating	Material		2.0997	0.0168
Tin	Substance	7440-31-5	2.0997	0.0168

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
CGrid Hdr DR ATT NShrd 80Ckt	Component		18.3849	0.1471
LCP GF30 BLACK	Material		18.3849	0.1471
LCP	Substance		12.6304	0.101058
Carbon black	Substance	1333-86-4	0.1838	0.001471
GF-Fibre	Substance		5.5155	0.04413
Further Additives, not to declare	Substance	system	0.0552	0.000441
PICK AND PLACE CAP	Component		23.6217	0.189
PCT GF BLACK	Material		23.6217	0.189
PCT	Substance		10.2991	0.082404
GF-Fibre	Substance		7.3227	0.05859
Flame Retardant, ISO 1043-4 FR(17)	Substance		3.307	0.02646
Sodium-antimonate	Substance	15432-85-6	0.8268	0.006615
Carbon black	Substance	1333-86-4	0.0709	0.000567
Further Additives, not to declare	Substance	system	1.7952	0.014364

ROHS Declaration Information

Regulatory Revision EU 2015/863

Compliance Status Compliant

Contained Substances Exceeding Threshold

None

Exemptions

None

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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	Phosphor Bronze 5% A (CA510)	*Note	250	Yes
lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	Yes
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes
copper	Phosphor Bronze 5% A (CA510)	*Note	943,350	Yes
glass, oxide, chemicals	LCP GF30 BLACK	*Note	300,000	Yes

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

Exemptions

Part Name	Exemption
Phosphor Bronze 5% A (CA510)	44 Concentration within acceptable GADSL limits
e-plate Sn (electrodeposited Tin Coatings, bright and matt)	44 Concentration within acceptable GADSL limits
Ep-Ni	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm ² /week)

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	PCT GF BLACK	900	140,000	Yes

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Bromine and Chlorine combined	PCT GF BLACK	1,500	140,000	Yes

China ROHS Declaration Information

Part Number 0015916080		Hazardous Substances				
Part Name CGrid SMT Bkwy Hdr Tin 8Ckt T&R						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
CGrid SMT Bkwy Hdr Tin 8Ckt T&R	○	○	○	○	○	○
CGrid SMT Bkwy Hdr Tin 8Ckt Tube	○	○	○	○	○	○
.025 124PLT BANDO PIN W/S 71134CLA124	○	○	○	○	○	○
025 UNPLT BANDO PIN WST 71134CLA999	○	○	○	○	○	○
CGrid Hdr DR ATT NShrd 80Ckt	○	○	○	○	○	○
PICK AND PLACE CAP	○	○	○	○	○	○

Process Information

Component Plating / Surface Finish	BSn-Ni
Termination Base Alloy	Brass
Solder Alloy	N/A
Process Capability	REFLOW
Maximum Exposure Time (seconds)	030
Maximum Process Temperature (C)	245
Maximum Cycles at Reflow Temperature	003
J-STD-020 Moisture Sensitivity Level	N/A

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