

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 0875681073 **Part Weight** 0.722679G

Part Name MGrid IDT Rec W/SgILRmp .38AuLF 10Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MGrid IDT Rec W/SgILRmp .38AuLF 10Ckt	Assembly		100	0.722679
MGrid IDT Rec Upr Hsg DR PBT Blk 10Ckt	Component		26.2911	0.19
PBT GF BLACK	Material		26.2911	0.19
PBT	Substance		16.7387	0.120967
GF-Fibre	Substance		4.6448	0.033567
Flame Retardant, ISO 1043-4 FR(17)	Substance		3.3302	0.024067
Antimonytrioxide	Substance	1309-64-4	0.8764	0.006333
Pigment portion, not to declare	Substance	system	0.3505	0.002533
Further Additives, not to declare	Substance	system	0.3505	0.002533
MGrid IDT Rec Term BeCu .38AuLF	Component		19.3279	0.139679
Gold Plating	Material		0.0216	0.000156
Cobalt	Substance	7440-48-4	5E-05	4E-07
Nickel	Substance	7440-02-0	5E-05	4E-07

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Gold	Substance	7440-57-5	0.0215	0.000155
2mm MGrid IDT Rec Term BeCu Unpl	Component		18.9572	0.137
Beryllium Copper 1.7% Unplated	Material		18.9572	0.137
Beryllium	Substance	7440-41-7	0.3213	0.002322
Nickel	Substance	7440-02-0	0.0758	0.000548
Cobalt	Substance	7440-48-4	0.0758	0.000548
Copper	Substance	7440-50-8	18.4843	0.133582
Nickel Plating	Material		0.277	0.002002
Nickel	Substance	7440-02-0	0.277	0.002002
Further Additives, not to declare	Substance	system	3E-05	2E-07
Tin Plating	Material		0.0721	0.000521
Tin	Substance	7440-31-5	0.0721	0.000521
MGrid IDT Rec Lwr Hsg WSgLRmp 10Ckt	Component		54.381	0.393
PBT GF BLACK	Material		54.381	0.393
PBT	Substance		34.6226	0.25021
GF-Fibre	Substance		9.6073	0.06943
Flame Retardant, ISO 1043-4 FR(17)	Substance		6.8883	0.04978
Antimonytrioxide	Substance	1309-64-4	1.8127	0.0131
Pigment portion, not to declare	Substance	system	0.7251	0.00524
Further Additives, not to declare	Substance	system	0.7251	0.00524

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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)10043-DC (17 Jan 2022)

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	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	Yes
Antimonytrioxide	PBT GF BLACK	*Note	40,000	Yes
silver	Beryllium Copper (CA170)	*Note	500	Yes
Beryllium	Beryllium Copper (CA170)	*Note	17,250	Yes
Cobalt	Beryllium Copper (CA170)	*Note	3,000	Yes
Cobalt	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	Yes
Copper	Beryllium Copper (CA170)	*Note	968,750	Yes

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

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Exemptions

Part Name	Exemption
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	PBT GF BLACK	900	140,000	Yes
Bromine and Chlorine combined	PBT GF BLACK	1,500	140,000	Yes

China ROHS Declaration Information

Part Number 0875681073		<p style="text-align: center;">Hazardous Substances</p>					
Part Name MGrid IDT Rec W/SgILRmp .38AuLF 10Ckt							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
MGrid IDT Rec W/SgILRmp .38AuLF 10Ckt	○	○	○	○	○	○	
MGrid IDT Rec Upr Hsg DR PBT Blk 10Ckt	○	○	○	○	○	○	
MGrid IDT Rec Term BeCu .38AuLF	○	○	○	○	○	○	
2mm MGrid IDT Rec Term BeCu Unpl	○	○	○	○	○	○	
MGrid IDT Rec Lwr Hsg WSgILRmp 10Ckt	○	○	○	○	○	○	

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Additional Information

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

Process Information

Component Plating / Surface Finish	MSn-Ni
Termination Base Alloy	BeCu
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

Jun 21, 2022

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