

## Product Compliance Declaration

Please see [www.molex.com](http://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** 1300170011 **Part Weight** 52.404G

**Part Name** MC 3P M/M-ATTACH STR PG13.5

---

### Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MC 3P M/M-ATTACH STR PG13.5	Assembly		100	52.404
MCFA STP-ST HutNut PG.blk	Component		6.8697	3.6
PA 6	Material		6.8697	3.6
Polyamid6	Substance	25038-54-4	6.698	3.51
Further Additives, not to declare	Substance	system	0.0859	0.045
Pigment portion, not to declare	Substance	system	0.0859	0.045
MCFA STP-Grommet PG.blk	Component		1.7747	0.93
CR/NBR Standard	Material		1.7747	0.93
Carbon black	Substance	1333-86-4	0.071	0.0372
Silicate	Substance		0.3549	0.186
Antimonytrioxide	Substance	1309-64-4	0.0532	0.0279
Zinc oxide	Substance	1314-13-2	0.0355	0.0186
Further Additives, not to declare	Substance	system	0.142	0.0744

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)
CR	Substance		0.5501	0.2883
NBR	Substance		0.1242	0.0651
Magnesium-oxide	Substance	1309-48-4	0.0355	0.0186
Calcium-oxide	Substance	1305-78-8	0.0532	0.0279
Aluminium hydroxide	Substance	21645-51-2	0.3549	0.186
MCFA-3PMSTR-PG13.5 kon-	Assembly		69.7924	36.574
MCFA-3P-MALE-INSERT REAR	Component		11.7548	6.16
0936220001	Material		11.7548	6.16
PA6	Substance		11.5197	6.0368
Carbon black	Substance	1333-86-4	0.1175	0.0616
Further Additives, not to declare	Substance	system	0.1175	0.0616
GASKET OR NBR X BK	Component		0.4961	0.26
NBR	Material		0.4961	0.26
Thiram	Substance	137-26-8	0.0025	0.001329
Misc.	Substance	system	0.0025	0.00133
N-(Cyclohexylthio)phthalimide	Substance	17796-82-6	0.0025	0.00133
Carbon black	Substance	1333-86-4	0.189	0.099042
1,3-Dihydro-4(or 5)-methyl-2H-benzimidazole-2-thione	Substance	53988-10-6	0.0025	0.00133
1,2-Dihydro-2,2,4-trimethylquinoline, oligomer	Substance	26780-96-1	0.0025	0.00133
Paraffin-waxes-and-Hydrocarbon-waxes	Substance	8002-74-2	0.0025	0.00133
Stearic acid	Substance	57-11-4	0.0025	0.00133
Zinc oxide	Substance	1314-13-2	0.01	0.00526
Sulphur	Substance	7704-34-9	0.0025	0.00133
2-Propenenitrile, polymer with 1,3-butadiene	Substance	9003-18-3	0.2542	0.133208
N-Cyclohexylbenzothiazole-2-sulphenamide	Substance	95-33-0	8E-06	0.000004
Sulfonic acids, C10-21-alkane, Ph esters	Substance	91082-17-6	0.0226	0.011847
MCFA-Cplg Nut CuSTRn-Ni	Component		41.0083	21.49
CuZn39Pb3	Material		40.8175	21.39

#### 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)
Copper	Substance	7440-50-8	23.6741	12.4062
Aluminium (metal)	Substance	7429-90-5	0.0102	0.005348
Iron	Substance	7439-89-6	0.0612	0.032085
Nickel	Substance	7440-02-0	0.0612	0.032085
Lead	Substance	7439-92-1	1.2245	0.6417
Tin	Substance	7440-31-5	0.0612	0.032085
Misc.	Substance	system	0.0408	0.02139
Zinc (metal)	Substance	7440-66-6	15.6841	8.219108
e-plate Cu (electrodeposited Copper Coatings)	Material		0.0382	0.02
Carbon	Substance	7440-44-0	2E-06	0.000001
Sulphur	Substance	7704-34-9	1E-06	5E-07
Phosphorus	Substance	7723-14-0	1E-05	0.000006
Copper	Substance	7440-50-8	0.0382	0.019993
e-plate Ni (Dull/semi-bright) (electrodeposited Nickel Dull/semi-bright)	Material		0.1527	0.08
Carbon	Substance	7440-44-0	0.0006	0.00032
Nickel	Substance	7440-02-0	0.1517	0.07948
Misc.	Substance	system	0.0004	0.0002
MCFA-3PMInsert front	Component		5.095	2.67
SANTOPRENE 101-87 BLACK TEMP NO.	Material		5.095	2.67
TPV-(EPDM+PP)	Substance		3.9267	2.057769
Distillates (petroleum), hydrotreated heavy paraffinic	Substance	64742-54-7	0.3495	0.183162
Carbon black	Substance	1333-86-4	0.0795	0.041652
Kaolin, calcined	Substance	92704-41-1	0.4866	0.254985
Misc.	Substance	system	0.2527	0.132432
MCFAMContact NiAu.	Component		9.7206	5.094
e-plate Au (Hardgold) (electrodeposited Hardgold Coatings)	Material		0.0275	0.0144
Carbon	Substance	7440-44-0	1E-06	7E-07
Nitrogen	Substance	7727-37-9	1E-05	0.000007

#### 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)
Gold	Substance	7440-57-5	0.0273	0.014284
Cobalt	Substance	7440-48-4	7E-05	0.000036
Nickel	Substance	7440-02-0	7E-05	0.000036
Iron	Substance	7439-89-6	7E-05	0.000036
e-plate Ni (bright) (electrodeposited Nickel bright)	Material		0.0603	0.031584
Carbon	Substance	7440-44-0	3E-05	0.000016
Nitrogen	Substance	7727-37-9	3E-05	0.000016
Sulphur	Substance	7704-34-9	5E-05	0.000024
Nickel	Substance	7440-02-0	0.0602	0.031529
CuZn39Pb3	Material		9.6329	5.048016
Copper	Substance	7440-50-8	5.5871	2.927849
Aluminium (metal)	Substance	7429-90-5	0.0024	0.001262
Iron	Substance	7439-89-6	0.0144	0.007572
Nickel	Substance	7440-02-0	0.0144	0.007572
Lead	Substance	7439-92-1	0.289	0.15144
Tin	Substance	7440-31-5	0.0144	0.007572
Misc.	Substance	system	0.0096	0.005048
Zinc (metal)	Substance	7440-66-6	3.7014	1.9397
MCFA STRylinderScrew Mx	Component		1.7174	0.9
Zn plate	Material		0.0172	0.009
Zinc (metal)	Substance	7440-66-6	0.0172	0.009
Steel	Material		1.7003	0.891
Iron	Substance	7439-89-6	1.6752	0.877858
Molybdenum	Substance	7439-98-7	0.0005	0.000267
Nitrogen	Substance	7727-37-9	0.0002	0.000089
Nickel	Substance	7440-02-0	0.0017	0.000891
Copper	Substance	7440-50-8	0.0017	0.000891
Chromium	Substance	7440-47-3	0.0017	0.000891
Aluminium (metal)	Substance	7429-90-5	0.0007	0.000356

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)
Sulphur	Substance	7704-34-9	0.0003	0.000178
Phosphorus	Substance	7723-14-0	0.0003	0.000178
Manganese	Substance	7439-96-5	0.0128	0.006682
Silicon	Substance	7440-21-3	0.0026	0.001337
Carbon	Substance	7440-44-0	0.0026	0.001381
MCFA-EndSleeve PG13.5 BradLogo	Component		21.5632	11.3
0936220001	Material		21.5632	11.3
PA6	Substance		21.132	11.074
Carbon black	Substance	1333-86-4	0.2156	0.113
Further Additives, not to declare	Substance	system	0.2156	0.113

### GADSL Declaration Information

**Regulatory Revision**   GADSL imported from IMDS

### Contained Substances Exceeding Threshold

Not reviewed

### ROHS Declaration Information

**Regulatory Revision**   EU 2015/863

**Compliance Status**   Compliant/Exempted

### Contained Substances Exceeding Threshold

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Lead compounds	CuZn39Pb3	1,000	30,000	Yes
Lead compounds	CuZn39Pb3	1,000	30,000	Yes
Part Name	Exemption			
CuZn39Pb3	6(c) Copper alloy containing up to 4 % lead by weight			

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.

## Exemptions

Part Name	Exemption
CuZn39Pb3	6(c) Copper alloy containing up to 4 % lead by weight

## REACH-SVHC Declaration Information

**Regulatory Revision** ED/71/2019 (16 July 2019)

### Contained Substances Exceeding Threshold

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
lead	MC 3P M/M-ATTACH STR PG13.5	1,000	15,135.113350	Yes


## HFLH Declaration Information

**Regulatory Revision** IEC 61249-2-21

### Contained Substances Exceeding Threshold

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Chlorine and its compounds	CR/NBR Standard	900	310,000	Yes

## China ROHS Declaration Information

Part Number    1300170011		<b>Hazardous Substances</b>					
Part Name       MC 3P M/M-ATTACH STR PG13.5							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
MC 3P M/M-ATTACH STR PG13.5	X	O	O	O	O	O	
MCFA STP-ST HutNut PG.blk	O	O	O	O	O	O	
MCFA STP-Grommet PG.blk	O	O	O	O	O	O	
MCFA-3PMSTR-PG13.5 kon-	X	O	O	O	O	O	

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.

Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
MCFA-3P-MALE-INSERT REAR	O	O	O	O	O	O
GASKET OR NBR X BK	O	O	O	O	O	O
MCFA-Cplg Nut CuSTRn-Ni	X	O	O	O	O	O
MCFA-3PMInsert front	O	O	O	O	O	O
MCFAMContact NiAu.	X	O	O	O	O	O
MCFA STRylinderScrew Mx	O	O	O	O	O	O
MCFA-EndSleeve PG13.5 BradLogo	O	O	O	O	O	O

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

Mar 24, 2021