



RoHs Compliance Statement

General Statement of RoHs Compliance under RoHs Directive (2015/863/EU)

RoHs stands for the restriction of the use of certain hazardous substances in electrical and electronic equipment. Now the New RoHs Directive 2015/863/ EU (Known as RoHs 3.0) has been published in the Official Journal of the European Union on 31 March 2015. This legislation provides an amendment to Annex II of RoHs (2011/65/EU) and confirms the inclusion of four new restricted substances. The additional substance restrictions and maximum concentration values has come into force from 22 July 2019.

No.	Substance	Limit %	Limit (ppm)
1	Lead (Pb)	0.1	1000
2	Mercury (Hg)	0.1	1000
3	Cadmium (Cd)	0.01	100
4	Hexavalent chromium (Cr VI)	0.1	1000
5	Polybrominated biphenyls (PBB)	0.1	1000
6	Polybrominated diphenyl ethers (PBDE)	0.1	1000
7	Bis(2-ethylhexyl) phthalate (DEHP)	0.1	1000
8	Butyl benzyl phthalate (BBP)	0.1	1000
9	Dibutyl phthalate (DBP)	0.1	1000
10	Diisobutyl phthalate (DIBP)	0.1	1000

Based on the RoHs 3.0 requirement, we have collected materials information from our suppliers and controlled production process in our company to assure our compliance in this regard. DDO products are optical components & related sub-assemblies, we hereby certify that all our products and packings are in compliance with RoHs Directive 2015/863/ EU control item and value as showed in the following tables. once we signed this RoHs Declaration, we shall agree to take liabilities when supplied parts or materials violates the agreed specification under this RoHs declaration.

Substrate	基片
Glass Raw Material Type	玻璃原材料型号
H-	CDGM 环保材料
N-	SCHOTT 环保材料
S-	OHARA 环保材料
E-	HOYA 环保材料
K-	SUMITA 环保材料
Corning 7980 / JGS1	石英玻璃



Final Process	后加工
Coating Material Type	镀膜膜料型号
MgF2	氟化镁
LaTiO3 (H4)	钛酸镧 H4
Ti3O5	五氧化三钛
SiO ₂	二氧化硅
Super Hydrophobic Coating SH-HT VACO	超硬防水 SH-HT
HfO2	二氧化铪
Ta2O5	五氧化二钽
Quartz Ring	石英环
Glue Type	胶水型号
NOA61	NOA61 胶水
EPO-TEX OG142-95	EPO-TEX OG142-95 环氧树脂
5518	5518 胶
Lacquer Type	黑漆型号
GT-7II	GT-7II 油墨
Marabu GL 073	马莱宝 GL-073
Origin	ORIGIN 油漆
Machining Raw Material Type	机加件原材料类型
Copper	铜
Steel	钢
Aluminum	铝
Surface Treatment	表面处理
Anodizing	铝阳极氧化
Blueing and Blackening	铜发蓝发黑
Black-dyeing	钢染黑
Spray Paint Teflon	喷漆-特氟隆
Electroplating	钢电镀
Assembly Accessories	组装配件
Rubber Parts	橡胶件

Other special raw material, Surface Treatment or accessories beyond above listed, we will discuss with customer case by case.

除以上清单外，其他型号的原材料、表面处理及配件，我们将与客户具体讨论。