



## RoHS (Restriction of Hazardous Substances) Declaration

To the best of our knowledge all products manufactured by MECA Electronics that are designated as RoHS compliant, meet the requirements for compliance to the RoHS (Restriction of Hazardous Substances) Directive as set forth by the European Union with the specified limits for the following elements:

- Lead (Pb) < 0.1% (< 1000 PPM)
- Mercury (Hg) < 0.1% (< 1000 PPM)
- Cadmium (Cd) < 0.01% (< 100 PPM)
- Hexavalent Chromium (CrVI) < 0.1% (< 1000 PPM)
- Polybrominated Biphenyls (PBB) < 0.1% (< 1000 PPM)
- Polybrominated Diphenyl Esters (PBDE) < 0.1% (< 1000 PPM)

## Common Frequency Bands

Frequency Band Designation	Typical Frequency Range
VHF Band	100 to 300 MHz
UHF Band	300 to 1000 MHz
Terrestrial Trunked Radio (TETRA)	300 to 1000 MHz
CDMA 450	420 to 495 MHz
700 MHz Public Safety Band	764 to 869 MHz
800 MHz Cellular	824 to 849 MHz; 869 to 894 MHz
GSM 850 / CDMA 850	824 to 849 MHz; 869 to 894 MHz
GSM 900	890 to 915 MHz; 935 to 960 MHz
L-Band	1.000 to 2.000 GHz
Global Positioning System (GPS)	L1: 1575.42 MHz; L2: 1227.60 MHz
GSM 1800	1710 to 1785 MHz; 1805 to 1880 MHz
GSM 1900 / WCDMA 1900	1850 to 1910 MHz; 1930 to 1990 MHz
PCS 1900	1850 to 1910 MHz; 1930 to 1990 MHz
UMTS	1710 to 1755; 2110 to 2155 MHz
WCDMA-3G	1920 to 1980 MHz; 2110 to 2170 MHz
Advanced Wireless Services (AWS)	1710 to 1755; 2110 to 2155 MHz
Radio Frequency Identification (RFID)	860 to 960 MHz; 2.4 to 2.5 GHz
IEEE802.11b/g	2.4 to 2.5 GHz
Industrial, Scientific and Medical (ISM)	2.4 to 2.5 GHz
WiFi	2.4 to 2.5 GHzv
WiMAX	2.3 GHz; 2.5 GHz; 3.5 GHz; 5.8 GHz
S-Band	2.000 to 4.000 GHz
4.9 GHz Public Safety	4.940 to 4.990 GHz
C-Band	4.000 to 8.000 GHz
X-Band	8.000 to 12.400 GHz
Ku-Band	12.400 to 18.000 GHz