

PMX Alloy Number

C10300	Oxygen free copper	C26000	Cartridge brass
C11000	Electrolytic tough pitch copper	C26800	Yellow brass 66%
C11500	Silver bearing tough pitch copper	C27200	Yellow brass
C12200	Phosphorus deoxidized copper	C28000	Muntz metal
XP5	High precision alloy	C42200	Tin brass 1%
C15100	High precision alloy	C42500	Tin brass 2%
C15500	Copper silver alloy	C64725	High precision alloy MAX 251C
C18665	High precision alloy MSP1	C64750	High precision alloy PMC 26
C19002	High precision alloy	C65500	High precision alloy
C19010	High precision alloy XP150	C66908	Manganese bronze
C19015	High precision alloy	C66913	Manganese bronze
C19210	High precision copper iron XP10	C66925	Manganese bronze
C19400	High precision copper iron	C70250	High precision alloy
C19700	High precision alloy	C70260	High precision alloy
C21000	Gilding metal	C70310	High precision alloy
C22000	Commercial bronze	C70600	Copper nickel alloy
C23000	Red brass	C71000	Copper nickel alloy
C24000	Low brass	C75200	Nickel silver alloy

Other alloys are available. Please provide PMX with your requirements.

Lead-Free Connector Coatings

PMX offers a variety of RoHS compliant connector coatings that are designed to work with our high precision copper alloys to prevent corrosion and deliver a robust, dependable contact. Our protective coatings meet the rigorous interconnection requirements of operating in harsh environments, high temperatures, vibration, and numerous connect and disconnect cycles.

Our advanced tin alloying systems are based on either 100% tin, tin-copper, or a tin-silver alloy and can be applied as a hot dip, by electrolytic plating or reflow. These coatings are cost-effective, corrosive resistant, and provide good solderability. Contact PMX for more information.