PMX INDUSTRIES, INC.
5300 Willow Creek Drive
Cedar Rapids, IA 52404
800-531-5268 sales@ipmx.com

ALLOY C50725

A CuSn2Zn2.2Fe0.1P Alloy

C50725 is a zinc and iron modified dilute copper tin alloy released to support legacy programs developed over the past 15 years, which are not sufficient in size to justify testing and qualification of an improved system like PMX 19010M, Max251C, or 70310. Our research lab and product development team easily brought this alloy to market given more than 24 years of corporate experience with specialty alloys.

PMX can produce C50725 to current ASTM B152 and B888 and other industry standards. While PMX alloys like C19010M, Max251C and C70310 have improved formability, relaxation and coating adhesion compared to C50725, PMX can produce the alloy to your current quality requirements.

While we can commit to supporting your ongoing C50725 projects, we encourage you to seriously evaluate our newly developed systems (C19010M and C70310) which deliver enhanced performance, especially when combined with PMX high temperature Sn28M. These new technologies will enable your connector designs to use thinner materials, carry more current, operate more reliably and reduce insertion force. Our improved systems provides a viable alternative to advance barrier tins/reflow and a lower cost, lower insertion force option to pure silver. Sn28M can be mated with pure tin, pure silver, electroplates and reflow terminals without concern for mismatch. Additionally, Sn28M is compliant with today's lead-free solder system.

Enhanced performance and controlled total system costs – Available and supported through the PMX Alliance…That's the PMX Difference.

Contact your PMX representative at 1-800-531-5268 or email us at sales@ipmx.com.

Temper	Tensile Strength (ksi)	%IACS (nom.)	90° GW/BW Bends
H020	68-80	30	0/0
H040	81-93	30	0/0.5
H060	85-100	30	0.5/1.5

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