

## 簡介

**本**公司發展的電子照射交連PVC及PE電子器具用電線依據美國軍品MIL-W-16878規格及UL等規格設計製造而成。導體依據規格的要求絕緣體則以特殊配方之PVC或PE材料披覆之、經電子束照射設備照射即成。所用的PVC及PE材料，經過電子束照射後，其分子結構以立體網狀化學鍵連接，因而增加其機械強度及耐烙鐵高溫烙焊等性能，所以電子束照射交連電線是一種專供需要高度信賴性及內部密集配線系統的理想線材。



## Introduction

The irradiated cross-linking PVC and PE hook-up wires of PACIFIC are produced according to military specifications MILW-16878 and specifications of Underwriter's Laboratories. Conductors used for the said two kinds of specifications are insulated respectively with Polyvinyl chloride and Polyethylenecompound which has been exposed to controlled electron beam radiation. This process changes the linear molecular configuration of the material and connects molecules through a network of chemical bonds. Because the products increase strenght and ability of resisting solder iron heat after cross-linking through the radiation process, it is an ideal material to use where high reliabilty is essential and particulary in highdensity systems.

