

Title (en)
Closed entry socket contact assembly

Title (de)
Zusammensetzung einer Steckdosekontakt mit enger Zugang

Title (fr)
Montage de contact à fiches avec embouchure étranglée

Publication
EP 0476848 B1 19951213 (EN)

Application
EP 91307738 A 19910822

Priority
US 57898190 A 19900907

Abstract (en)
[origin: EP0476848A1] A high reliability socket contact assembly is provided, of the type that has a seamless exterior, which has tines with closely spaced initial and final points of pin contact engagement, and which has a closed entry region limiting the size of pin contacts that can be inserted, which can be constructed at low cost. The assembly includes a seamless barrel (12, Figure 3) having a cylindrical cavity (16) extending into its front end, and a clip (20) formed of sheet metal rolled into a tube and lying in the cavity. The clip has a rearward portion (32), tines (42a-42d) extending forwardly from the rearward portion and having free forward tips, and a forward portion. The tips (56) of the tines have radially inner edges (60) lying on a first imaginary circle, and the forward portion of the barrel forms a closed entry region (72) having an inside diameter no greater than the diameter of the first imaginary circle, to prevent entry of pins of a diameter that could damage the tines. In one barrel (Fig. 3), the forward barrel portion has a flared front part (80), with the narrowest part of the flare forming the closed end region. In another clip, (Figure 9) the sheet metal forming the clip is thinner at the tines than at the forward portion (146) lying forward of the tines. <IMAGE>

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H01R 13/187

IPC 8 full level
H01R 13/10 (2006.01); **H01R 13/187** (2006.01); **H01R 43/16** (2006.01)

CPC (source: EP KR)
H01R 13/00 (2013.01 - KR); **H01R 13/187** (2013.01 - EP); **H01R 43/16** (2013.01 - EP)

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