

# TECHNICAL DATA SHEET

**Part No.** 148-90053  
**Article No.** 148-90053  
**Type** HCPM-8



HelaCon Plus Mini Wire Connectors replace traditional twist-on wire connectors. They provide faster, easier and more reliable connection and distribution of cable and conductors in electrical installation applications. Mini connectors have a compact footprint and can be applied tool-free using convenient, push-in simplicity. Internal spring technology is approved for solid and stranded wires.

<b>Material</b>	Polycarbonate (PC)
<b>Material Housing</b>	Polycarbonate (PC)
<b>Material Plated Brass</b>	Brass Tinned (MET)
<b>Material Spring Plate</b>	Stainless Steel (SS)
<b>Operating Temperature</b>	-22°F to +185°F (-30°C to +85°C)
<b>Flammability</b>	UL 94 V-0
<b>Halogen Free</b>	Yes
<b>UV Resistant</b>	No
<b>Max Current</b>	24 A
<b>Voltage Rating (cULus)</b>	600 V
<b>Voltage Rating (VDE)</b>	450 V
<b>Wire Range (cULus)</b>	12 AWG to 22 AWG Solid Copper Wires / 14 AWG to 22 AWG Tin-Dipped Copper Stranded Wire
<b>Wire Range (VDE)</b>	0.5 to 2.5 mm <sup>2</sup> solid wires / 1.0 to 2.5 mm <sup>2</sup> stranded wires
<b>Stripping Length (imperial)</b>	0.43 "
<b>Stripping Length</b>	11.0 mm
<b>Use Conditions</b>	For Indoor Use Only
<b>Color</b>	Clear (CL), Black (BK)
<b>Pkg. Qty.</b>	200
<b>Carton Qty.</b>	13
<b>Customs Number</b>	8536908085

<b>Length (imperial)</b>	0.65 "
<b>Length (metric)</b>	16.5 mm
<b>Max Current</b>	24 A
<b>Max Voltage</b>	600 V
<b>Number of Conductors</b>	8
<b>Stripping Length</b>	11.0 mm
<b>Stripping Length (imperial)</b>	0.43 "
<b>Width (imperial)</b>	1.44 "
<b>Width (metric)</b>	36.6 mm



