

Application Specification

114-5130

Crimping Ignition Plug Contact (for 2.0 mm Diameter)

Product	Part No.	Applicable Wire (mm ²)	(AWG)	Applicable Insulation Diameter(mm)	Contact Material
Receptacle Contact	175065-□	0.37 ~ 0.80	#22 ~ 18	3.5 ~ 5.5	Stainless Steel
Receptacle Contact	175135-□	0.3 ~ 0.89	#22 ~ 18	1.2 ~ 3.5	Pretin Phosphor Bronze

2. Crimping Requirements:

No.	Item	Specified Limit
1	Insulation Stripping Length	4.0 ± 0.5 mm
2	Cut-off Tab Length	0.5 mm max.
3	Front Bellmouth Length	0.5 mm max.
4	Rear Bellmouth Length	0.1 ~ 0.6 mm
5	Bend-Up	5° max.
6	Bend-Down	5° max.
7	Twisting	7° max.
8	Rolling	15° max.
9	Wire End Protrusion Length	0.5 ~ 1.5 mm
10		

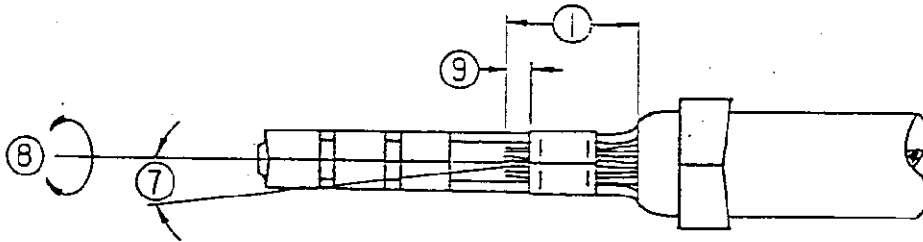


Fig. 1

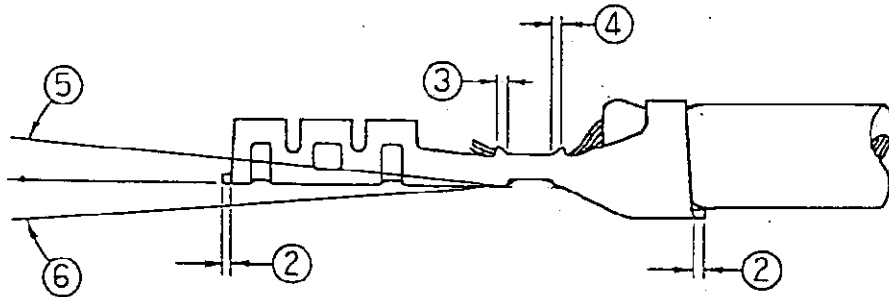


Fig. 2

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<p>B Revised RFA-2003 <i>1/27/92</i></p> <p>A Revised RFA-1471 <i>7/27/89</i></p> <p>O Released RFA-1304 <i>8/1/88</i></p>		<p>LOC J A</p> <p>NO 114-5130</p>	<p>REV B</p>
<p>LTR REVISION RECORD</p>		<p>CR</p>	<p>CHK</p>
<p>DATE</p>		<p>SHEET 1 OF 2</p> <p>NAME Application Specification Crimping Ignition Plug Contact (for 2.0 mm Diameter)</p>	

HINDANCE 114-5130
 Customer Release
 AMP SECURITY CLASSIFICATION

3. Crimp Data

3.1 Strip Contact

Contact Part No. Strip Form	Hand Tool Part No.	Wire Size		Insulation Stripping Length ±0.5 (mm)	Wire Barrel Crimp			Insulation Barrel Crimp Width (mm)	Insulation Outer Diameter (mm)	Wire Barrel Crimp Tensile Strength (kg) (min.)
		No. of Cond.	mm ² (AWG)		Crimp Width (mm)	Crimp Height ±0.03 (mm)	Disc Letter			
175065-□	(1)909104-2 (2)918433-2	1	0.3 (#22)	4.0	2.29	1.06	C	5.33 "F"	3.5-5.5	5
		1	0.5 (#20)		"F"	1.16	B			7
		1	0.75 (#18)			1.22	A			12
175135-□	(1) 913745-2	1	0.3 (#22)	4.0	2.29	1.00	C	3.56 "F"	1.2-3.5	5
		1	0.5 (#20)		"F"	1.11	B			7
		1	0.75 (#18)			1.19	A			12

(1) For AMP-O-LECTRIC Auto-machine

(2) For Air-Feed Terminating Machine

3.2 Applicable Wire Specification:

For crimping 175036-□, the wires conforming to the following wire specification, only shall be used.

Wire Size (Nominal) mm ² (AWG)	No. of Conductors	Diameter of a Conductor (mm)	Calculated Cross-sectional Area (mm ²)	Insulation Diameter (mm)
0.3 (#22)	7	0.26	0.37	3.5
0.5 (#20)	12	0.26	0.64	3.9
0.75 (#18)	15	0.26	0.80	5.5

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