

114 - 5038

NUMBER:

Customer
ReleaseSECURITY
CLASSIFICATION:

114 - 5038

Application Specification

Crimping of Rectangular Spade Contact

1. Scope:

This specification covers the requirements for crimping of Rectangular Spade Contact.

2. Applicable Contact:

Part Number

170264-1

Descriptions

Rectangular Spade Contact

3. Nomenclature:

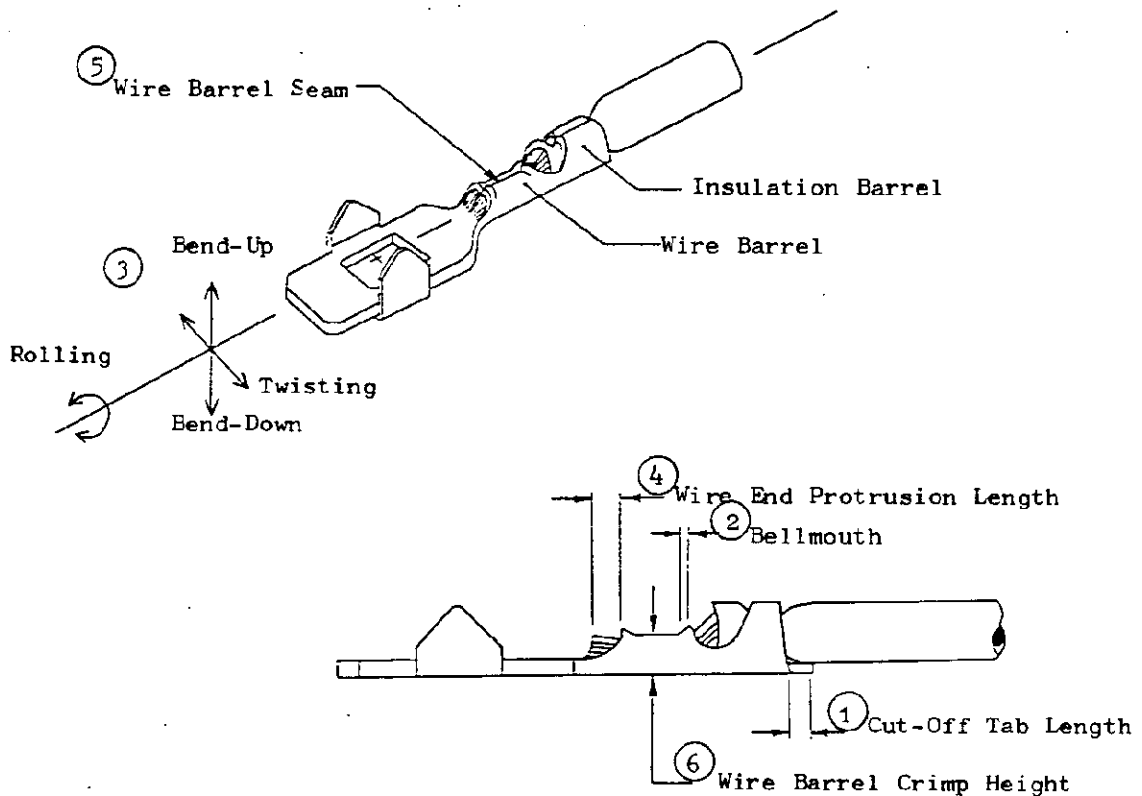


Fig. 1

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Crimping of Rectangular Spade
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4. Crimping Requirements and Crimp Data:

4.1 Crimping Requirements:

No.	Check Items	Crimping Requirements	Remarks
1	Cut-Off Tab Length	0.5mm max.	Fig. 1 (1)
2	Bellmouth(Rear Bellmouth Only)	0.2 - 0.7mm	Fig. 1 (2)
3	Deformation after Crimping	Bending	10° max. (Up and Down)
		Twisting	10° max.
		Rolling	14° max.
4	Wire End Protrusion Length	0 -- 3.5mm	Fig. 1 (4)
5	Wire Barrel Seam	Seam must be neatly closed. A slight opening is allowable without wire loose.	Fig. 1 (5)
6	Insulation Stripping Length	3.6 - 5mm	--

4.2 Crimp Data:

Contact Part No.	Wire Size Nominal	Applicator Number	Wire Barrel Crimp			Insulation Barrel Crimp Width	Crimp Tensile Strength (kg) (min.)
			Width	Height (Note 1) (Fig. 1 6)	Disc Ltr.		
170264-1	0.5	722750-2	2.29 "F"	1.63	A	3.56 "F"	9.0

- (Notes) (1) Tolerance of wire barrel crimp height to be within $\pm 0.05\text{mm}$
 (2) Unless otherwise noted, all the dimensions in tables are in mm.

5. Applicable Wires:

Wire Size Nominal	Number of Conductors	Wire diameter of A Conductor	Calculated Cross-sectional Area (mm ²)	Finished Insulation Diameter (mm)	Applicable Wire Specification
0.5	7	/ 0.32	0.56	2.2	JIS C 3406 Low-voltage Cables for Automobiles

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