

D E S C R I P T I O NPRODUCT COVERED:

Component Noninsulated Quick-Connect Connectors for copper alloy tabs,
*Cat. Nos. 42663-2, 61399-1, 62092-1, 62392-1, 63225-2, 63677-1, 63820-1.

GENERAL CHARACTER AND USE:

The products covered are noninsulated quick-connect connectors intended for factory assembly on solid or stranded copper wire using this manufacturer's automatic power tooling. They are intended for use in equipment where strain relief is provided. The quick-connect connectors are for use on the following copper alloy production tabs, not covered by this report, copper wire sizes, and tooling.

<u>Cat. No.</u>	<u>AWG Wire Size</u>	<u>No. of Strands</u>	<u>Mates With Male Tabs - Size</u>	<u>Power Tooling</u>
42663-2	Nos. 16-12	#	0.312 x 0.032 in	Type F
61399-1	Nos. 16-12	#	0.312 x 0.032 in	Type F
62092-1	Nos. 18-14	#	0.312 x 0.032 in	Type F
62392-1	Nos. 18-14	#	0.312 x 0.032 in	Type F
63225-2	Nos. 16-12	#	0.312 x 0.032 in	Type F
63677-1	Nos. 16-12	#	0.312 x 0.032 in	Type F
*63820-1	Nos. 14-10	#	0.312 x 0.032 in	Type F

Wire strands are as follows:

	No. 18 AWG - 16 strands
	No. 16 AWG - 26 strands
	No. 14 AWG - 41 strands
	No. 12 AWG - 65 strands
*	No. 10 AWG - 105 strands

J.P.
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ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

These devices are for use only in (or with) complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

Conditions of Acceptability -

1. These devices are not to be used for current interruption.
2. These devices are for use where strain relief is provided as part of the equipment.
3. These devices are for internal wiring only in electrical equipment.
4. The connectors are intended for use with mating connectors or tabs size 0.312 by 0.032 in.
5. The connectors are intended to be assembled to the wire using power tooling, AMP, Inc., Type F Tooling.
6. Engagement-Disengagement Testing was not considered necessary on the connectors since there are no engagement/disengagement requirements for the size of their mating tabs.

B.L.
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