

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

\* Listed insulated pressure cable connectors and Grounding Connectors, "AMP COPALUM", Part Nos. 608501-1 and 608502-1.

WIRE RANGE:

<u>Part Nos.</u>	<u>AWG Solid</u>	
	<u>Copper</u>	<u>Aluminum</u>
608501-1	No. 12-14	No. 10-12
608502-1	No. 12-14	No. 10-12

ADDITIONAL WIRE COMBINATIONS:

See Ill. 1 for specific wire combinations.

GENERAL CHARACTER AND USE:

The products covered by this report are insulated, crimp-type, parallel splicing wire connectors for terminating solid aluminum-to-aluminum, or copper-to-aluminum wires. Assembly of wires is made using the manufacturer's pneumatic or cordless electric power crimping tools. The insulating covers are formed of precut lengths of heat-shrink polyolefin tubing applied to the splices after the crimping procedure.

Packaging - Each unit container is provided with an equal number of splice connectors and insulating covers.

Ratings - Insulation Temperature 90°C

\* Voltage - 300 V max (When used as a grounding connector it has no assigned voltage rating).

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## Tooling -

AMP Incorporated cordless electric power tool, Part No. 933150-1. See Ills. 5-8 for instruction manual and Ills. 9-20 for customer manual.

AMP Incorporated pneumatic power tool, Part No. 68068-6. See Ills. 21-26 for instruction manual and Ills. 27-41 for customer manual.

Tyco Electronics Power Tool Kit, 1976330-1, **revision B and C**. Refer to Ill. 44 for crimping die dimensions and Ills. 45-49 for instructions and customer manual.

The insulating covers described in this Report are extruded from tubing in one piece to cover this manufacturer's connectors.

The cover(s) are rated 90°C max, 300 V max.

Marking - In addition to other marking specified in Ill. 4, the unit container shall be marked "TO BE SOLD ONLY WITH INSTALLATION INSTRUCTIONS".