



CONNECTOR				STRAIN RELIEF HOOD ASSY	
TYPE	CAVITY C/L SPACING	WIDTH	NO. OF DUAL POSN	90° OUTLET	180° OUTLET
AMP-LEAF	.156	.350 to .380	10	530088-1	530087-1
			15	530088-2	530087-2
			18	530088-3	530087-3
			22	530088-4	530087-4
AMP-LEAF AMP-TAB and Crimp Twin Leaf	.437	.437	30	1-530088-5	1-530087-5
			36	1-530088-6	1-530087-6
AMP-TAB and Crimp Twin Leaf	.156	.437	10	1-530088-1	1-530087-1
			15	1-530088-2	1-530087-2
			18	1-530088-3	1-530087-3
			22	1-530088-4	1-530087-4
			18	1-530088-7	—————
Crimp Twin Leaf	.125	.437	22	1-530088-8	—————
			36	1-530088-9	—————

FIGURE 1

1. INTRODUCTION

AMP Strain Relief Hood Assemblies are designed to protect the wires where they protrude from the connector, and relieve the strain on the contacts caused by the weight of the free hanging cable.

This instruction sheet (IS) provides the procedures for installing the applicable assembly onto an AMP-LEAF, AMP-TAB, or AMP Crimp Twin Leaf connector. Read these instructions thoroughly before starting.

2. DESCRIPTION

Assemblies are available in 90° or 180° wire outlet configurations. Each 90° outlet assembly consists of two hood halves, four cable clamps mounted on a carrier strip, two No. 4 (5/8-in. long) and three No. 5 (3/8-in. long) self-tapping screws. Each 180° outlet assembly consists of two hood halves, four cable clamps mounted on a carrier strip, two No. 4 (5/8-in. long) and two No. 5 (3/8-in. long) self-tapping screws.

3. INSTALLATION PROCEDURES

Make sure the assembly to be used is designed for your specific connector. Refer to the chart in Figure 1, and check (1) connector type, (2) cavity centerline spacing, (3) width dimension, and (4) number of dual cavity positions. The assembly selected should have the desired outlet configuration (90° or 180°).

Proceed as follows:

1. Place one half of hood on terminated connector.
2. Position wires so they protrude straight out BACK of connector approximately 1/4 in.
3. Bundle wires at hood opening. Tape may be applied to hold the wires together.

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4. Place second half of hood on connector. Fasten halves together and to connector using No. 4 self-tapping screws.
5. Determine the approximate size of the wire bundle (small, medium, or large). Remove the appropriate cable clamp from the carrier strip (Ex: small wire bundle — large cable clamp).

NOTE

Clamp size should provide adequate cable clamping and also hold hood together in clamp area.

6. Attach cable clamp to assembly using two No. 5 self-tapping screws. Do NOT tighten. Push small amount of wire bundle back into opening in hood and hold in this position.

NOTE

Do NOT defeat the purpose of strain relief devices — always leave some slack wire between the clamp and the back of the housing.

7. Secure clamp to assembly by tightening clamp screws. If necessary, use one clamp screw to pull end of clamp tight against support to hold hood together. Tighten other clamp screw accordingly.

NOTE

Additional support and clamping should be provided near the hood assembly to relieve cable weight.