



Straight backshells are combined with a variety of strain reliefs to provide cable to connector protection in situations where environmental sealing is not required.

Military Specification	Superceding Part Number	Glenair's Commercial Catalog P/N	Description	Glenair Connector Designator	Page Number
M38999/6	M85049/29	360FS002	Non-Env. Strain Relief	F	36-5*
M83723/35A		**	90° Non-Env. Strain Relief	K	36-2
M83723/35S		**	Non-Env. Strain Relief	K	36-3
AS85049/21		360HS002	Non-Env. Strain Relief	H	36-4
AS85049/29		360FS002	Non-Env. Strain Relief	F	36-5

\* Page Number of Superceding Part Number  
 \*\* Consult Factory

## Assembly Instructions

The following suggested procedure serves as a guide for proper assembly and installation of Glenair Non-Environmental Backshells. It is recommended that trial samples of appropriate cables or wire bundles be used to determine proper trim dimensions of the individual conductors and cable jackets, if applicable.

- a. Temporarily assemble backshell (1) to connector.
- b. If cable is jacketed, insert cable into backshell (1) and bottom against connector. Hold cable in position and mark cable jacket at rear end of backshell.
- c. Remove backshell from connector and place on cable with strain relief (2).
- d. Trim cable jacket at a point 1/2 inch toward connector from mark made in step (b) above.
- e. Prepare and terminate cable conductors in accordance with established practices.
- f. Assemble backshell (1) to connector and tighten securely.
- g. Assemble strain relief (2) to backshell and tighten securely. Tighten strain relief saddles securely on cable or harness.

NOTE: As with any electrical connector assembly procedure, be sure to use the proper tools. For convenient, reliable assembly of the connectors and backshells, it is suggested that Glenair's connector holding tools, strap wrenches and connector pliers be used.