

CAT. NO. C15M

FIG. 5

* General - The general design, shape and arrangement shall be as illustrated except where variations are specifically described .

1. Body - Molded of material, Cat. No. PVC 5330 manufactured by Feller GMBH. Thickness of molding material min 3/32 in (2.4 mm) over live parts, overall length 1-11/16 in (42.8 mm) including cord entry but not premold insert. Refer to Ill. 2 for further details.
2. Cord Entry - Overall dimensions approx 9/16 in (14.2 mm) dia by 19/32 in (15.08 mm) long.
3. Face - Overall dimensions 7/8 in (22.2 mm) by 19/32 in (15.08 mm).
4. Contact Holder - Molded of PBT, R/C (QMFZ2), Cat. No. E202G30, manufactured by SHINKONG SYNTHETIC FIBERS CORP (E107536). Flame Class 94V-0 manufactured by Shinkong. Overall dimensions 13/16 in (20.6 mm) by 1/2 in (12.7 mm) by 5/32 in (3.96 mm) thick. Contact holder consist of the following items. See Figure 2, Item 5.

Alternate - Molded of Polyamide 66 (PA 66), R/C (QMFZ2), Cat. No. VAMPAMID 66 2526 V0(e) (f), manufactured by VAMP-TECH SPA (E140692).

Alternate - Molded of Noryl, R/C (QMFZ2), Cat. No. SE1GFN1 manufactured by SABIC INNOVATIVE PLASTICS US L L C (E121562)

- a. Line Contacts - Two Provided, copper alloy 0.017 in (0.43 mm) thick, plating optional, overall length 31/32 in (24.6 mm). Effective contact area 17/32 in (13.49 mm) by 5/32 in (3.96 mm). See Figure 2, Item 1.

Alternate Line Contacts - Two provided, copper alloy approx 0.020 in (0.5 mm) optional, overall length approx 27/32 in (21.4 mm). Rectangular shaped, effective contact approx 13/32 in (10.3 mm) by 3/16 in (4.7 mm). See Figure 8, Item 1

- b. Line Contacts Electrical Connection - Crimped to conductor, crimp length approx 3/16 in (4.76 mm). Crimped and soldered to conductors when rated 15 A, 250 V on No. 14 AWG. See Figure 2, Item 2.

* Alternate Line Contacts Electrical Connection - Crimped to conductor, crimp length approx 1/8 in (3.1 mm). See Figure 8, Item 2.

- c. Grounding Contact - Same as Item 4a. See Figure 2, Item 3.

Alternate Grounding Contacts - copper alloy approx 0.020 in (0.5 mm) optional, overall length approx 27/32 in (21.4 mm). Rectangular shaped, effective contact approx 13/32 in (10.3 mm) by 3/16 in (4.7 mm). See Figure 8, Item 3

- d. Grounding Contact Electrical Connection - Same as Item 4b. See Figure 2, Item 4.

Alternate Grounding Contact Electrical Connection - Crimped to conductor, crimp length approx 1/8 in (3.1 mm). See Figure 8, Item 4.

5. Enclosure - Molded of PBT, R/C (QMFZ2), Cat. No. E202G30, manufactured by SHINKONG SYNTHETIC FIBERS CORP (E107536). Snaps together with Contact holder item 4. Overall dimensions 1-3/8 in (34.9 mm) long, 1 in (25.4 mm) wide, 23/32 in (18.25 mm) thick.

Alternate - Alternate - Molded of Noryl, R/C (QMFZ2), Cat. No. SE1GFN1 manufactured by SABIC INNOVATIVE PLASTICS US L L C (E121562).

6. Cord - Flexible cord, Listed (**ZJCZ/**). See the following table for application details.

*

Cord Size (AWG)	Cord Type	USL	CNL or CSA Certified
18/3	SVT, SVTO, SVTOO, SJT, SJTO, SJTW, SJTOW, SJTOOW, SJTOO	YES	YES
16/3	SJT, SJTO, SJTW, SJTOW, SJTOOW, SJTOO	YES	YES
14/3	SJT, SJTO, SJTW, SJTOW, SJTOOW, SJTOO	YES	YE

7. Marking - See Section General for marking details. Manufacturer's name, trademark, or cat. no. molded on body.