



DEUTSCH RELAYS, INC.
 55 ENGINEERS RD. HAUPPAUGE, NEW YORK 11788
 PHONE (631) 342-1700 FAX (631) 342-9310

SFI SOCKET SERIES

DESCRIPTION

THE SFI SERIES OF ECONOMICAL SOCKETS ARE COMPATIBLE WITH DEUTSCH E, ETP, EDT AND OTHER RELAY STYLES CONFORMING TO MIL-R-83536.
 AVAILABLE WITH CRIMP TYPE CONTACTS.

| MECHANICAL DATA | SFI 410 | SFI 610 |
|--|--|---------------|
| | MASS (WITH HARDWARE): | 18 GRAMS MAX. |
| MATERIAL: | THERMOPLASTIC RESIN | |
| INSULATOR: | COPPER ALLOY | |
| CONTACTS: | | |
| INSTALLATION TORQUE: | 0.8 m.N (7 IN. LBS.) FOR M3 0.5 m.N (4.4 IN. LBS.) FOR .112 UNC. | |
| TYPE OF CONTACTS: | CRIMP TYPE CONTACTS | |
| ELECTRICAL DATA | | |
| CURRENT RATING: | 10 AMPERES | |
| INSULATION RESISTANCE @ 25° C AND 65% HR: | 5000 MΩ MIN. | |
| WITHSTANDING VOLTAGE AT SEA LEVEL: | 1500 Vrms @ 50 Hz. | |
| WITHSTANDING VOLTAGE AT 80,000 FT. ALTITUDE: | 350 Vrms | |
| CONTACT RESISTANCE: | 5 m Ω MAX. | |
| ENVIRONMENTAL DATA | | |
| OPERATING TEMPERATURE RANGE: | -65 ° C TO +125° C | |
| SMOKE AND TOXICITY SPECIFICATION: | NFF 16-102 | |



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SFI SERIES

PART NUMBERING SYSTEM

SFI 410 B 2B 2

SOCKET TYPE

- SFI 410
- SFI 610

BODY STYLE

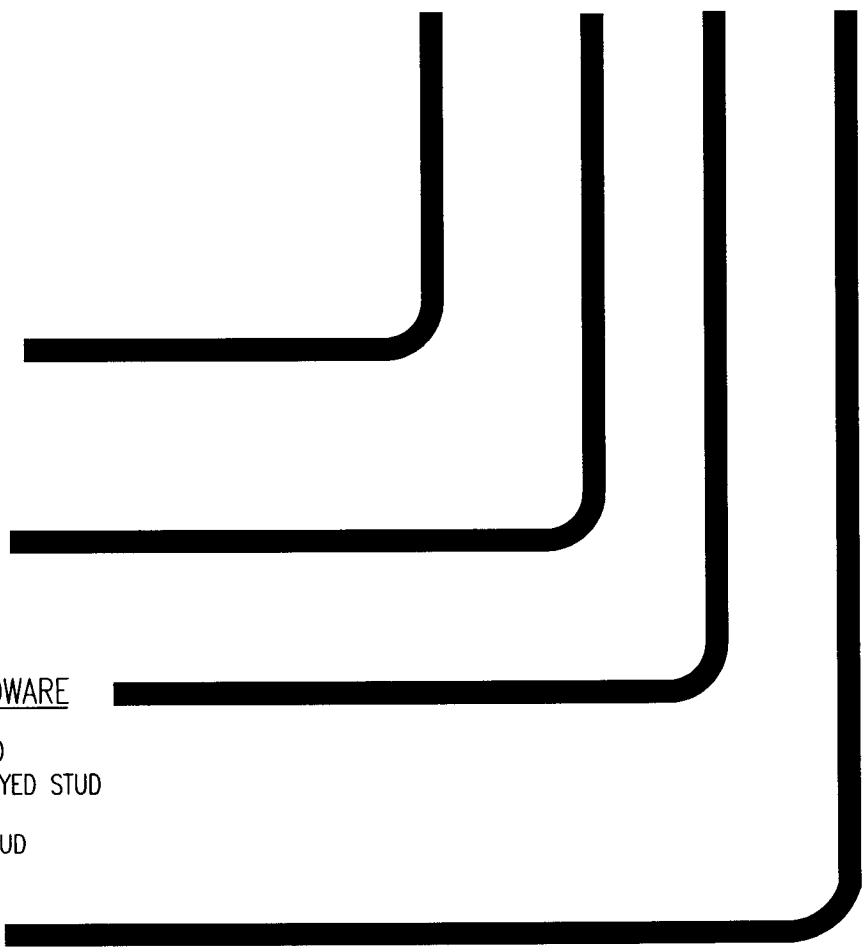
- SFI 410 PG. 37
- SFI 610 PG. 38

MOUNTING HARDWARE

- 1A: M3 KEYED STUD
- 2A: #4-40 UNC KEYED STUD
- 1B: M3 STUD
- 2B: #4-40 UNC STUD

CONTACT TYPE

- 0: NONE
- 1: 18-16 GAGE
- 2: 14 GAGE

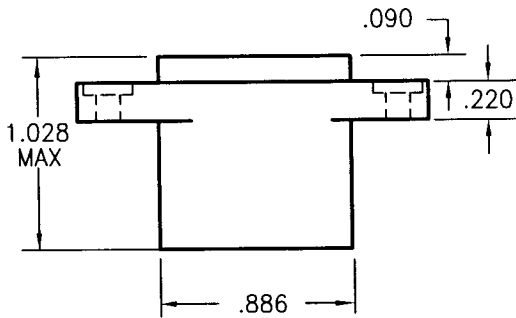
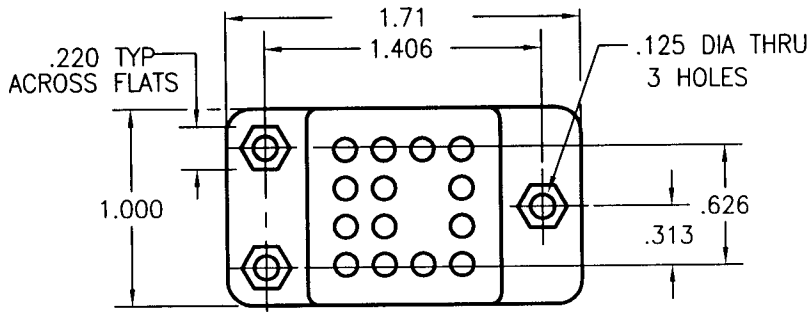




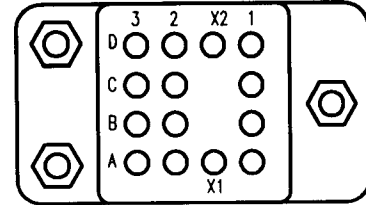
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SFI 410

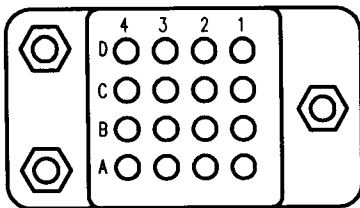
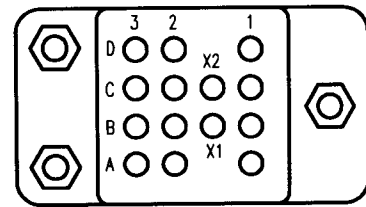
BODY STYLES



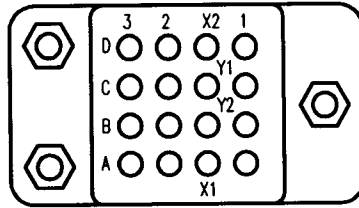
SFI410 STYLE B



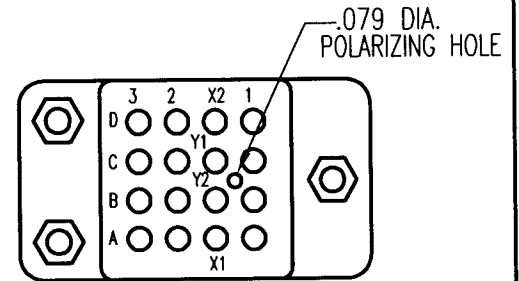
SFI410 STYLE C



SFI410 STYLE T



SFI410 STYLE E

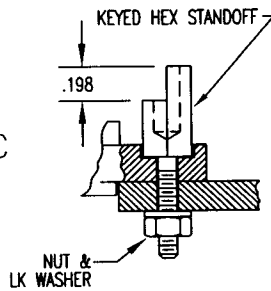


SFI410 STYLE D

MOUNTING HARDWARE

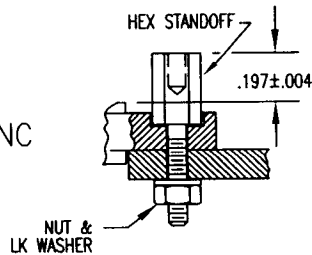
TYPE

- 1A: M3
- 2A: .112 UNC



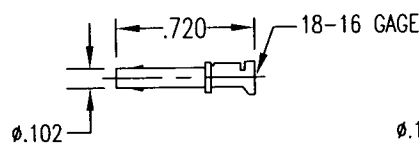
TYPE

- 1B: M3
- 2B: .112 UNC

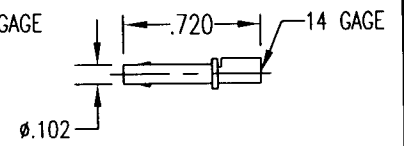


CONTACTS

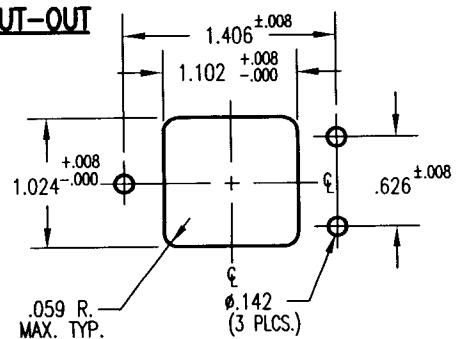
TYPE 1



TYPE 2



PANEL CUT-OUT

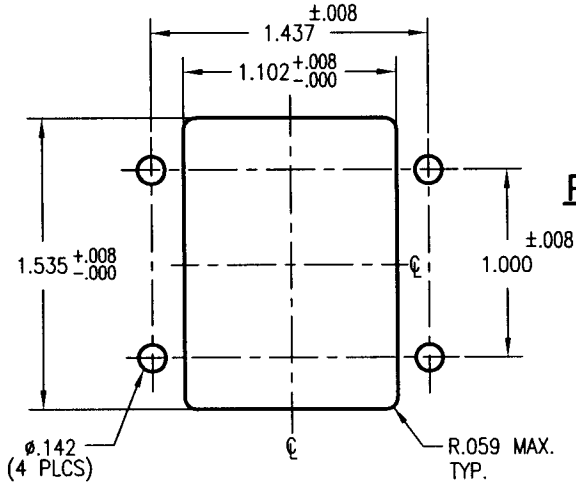
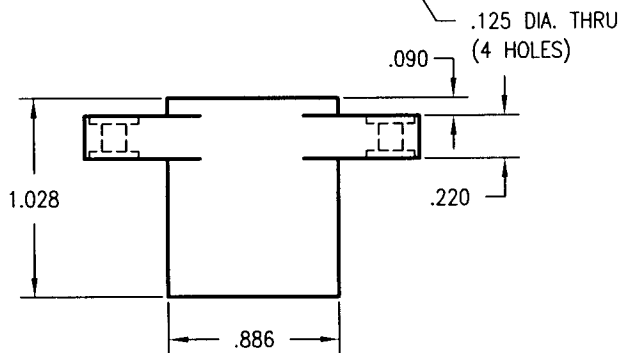
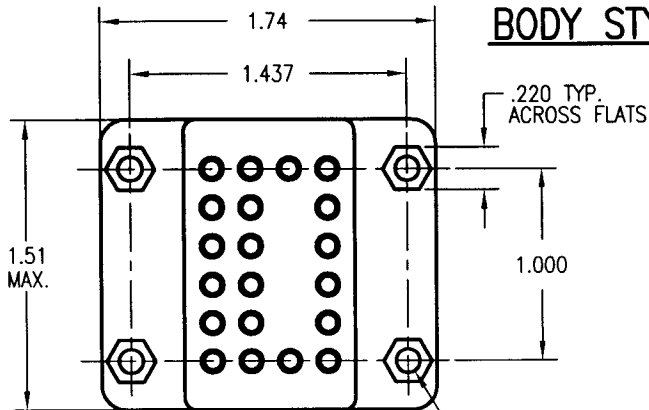




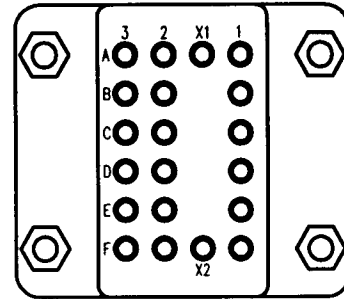
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SFI 610

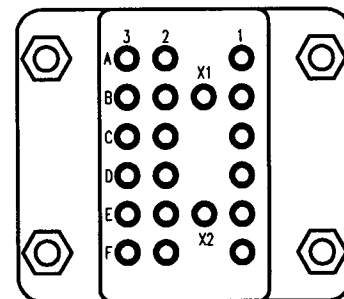
BODY STYLES



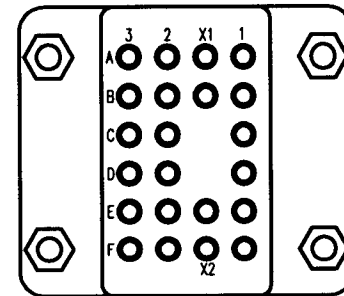
PANEL CUTOUT



SFI610 STYLE B

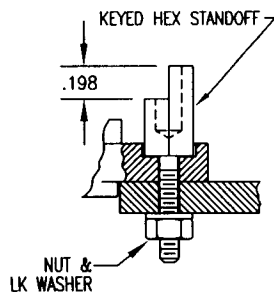


SFI610 STYLE C

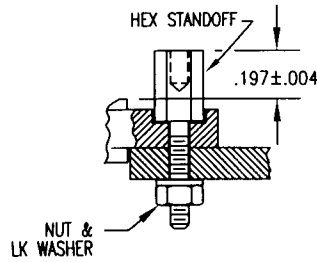


SFI610 STYLE E

MOUNTING HARDWARE

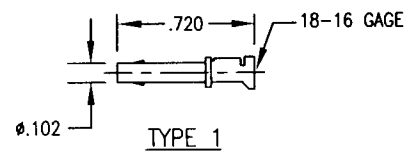


TYPE 1A: M3
 2A: .112 UNC

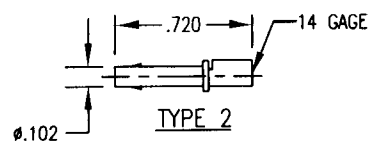


TYPE 1B: M3
 2B: .112 UNC

CONTACTS



TYPE 1



TYPE 2