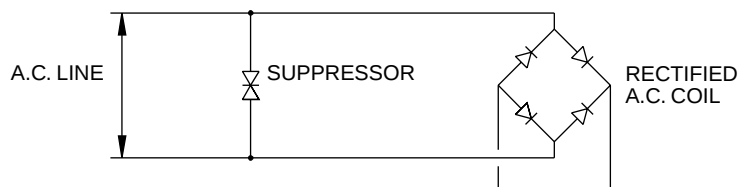


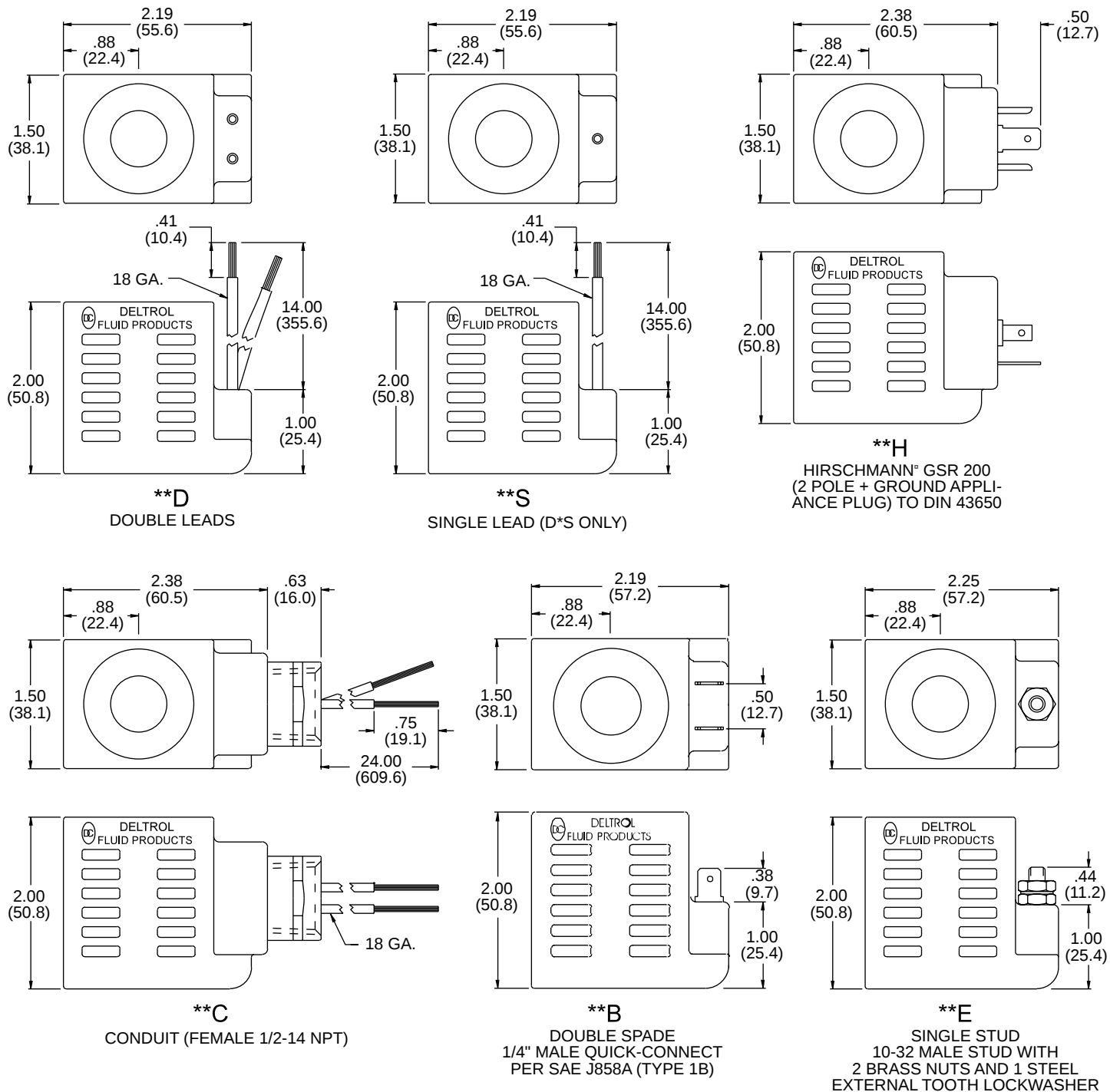
SOLENOID COIL FEATURES/SPECIFICATIONS

- **STANDARD VOLTAGE:** 12, 24, 36, AND 48, VOLTS D.C.
115 AND 230 VOLTS A.C.
- **WATTAGE:** ALL 080 SERIES ARE NOMINALIY 16 WATTS AT 68F./20°C.
ALL 100 SERIES ARE NOMINALLY 22 WATTS AT 68°F./20°C.
- **DUTY RATING:** CONTINUOUS AT 100% VOLTAGE.
- **AMBIENT OPERATING TEMPERATURE:** 212°F./100°C. CONTINUOUS AT NOMINAL VOLTAGE.
- **MAGNET WIRE:** ALL 100 SERIES ARE THERMAL CLASS 200°C., NEMA PUB, NO. MW1000
- **ENCAPSULATING MATERIAL:** THEROPLASTIC POLYESTER (PET).
- **LEAD WIRES:** 18/20 GAUGE X 14"/24" LONG (REFER TO COIL DATA PAGES) MEETS SAE J1128 XLPE, TYPE SXL.
- **A.C. VOLTAGE COILS:** INTERNALLY FULL WAVE RECTIFIED TO SUPPLY THE COIL WINDING WITH D.C. CURRENT THEREFORE THE COIL WINDING HAS NO "INRUSH" CURRENT, SUIT ABLE FOR 50 OR 60 HERTZ (Hz) CYCLE APPLICATIONS. THE RECTIFIERS USED IN A.C. COILS MAY REQUIRE PROTECTION FROM TRANSIENT OVER VOLTAGES EXCEEDING 1000 VOLTS. PROTECT RECTIFIED A.C. COILS BY INSTALLING A COMMERCIALY AVAILABLE NONPOLARIZED SELENIUM DIODE SUPPRESSOR OR METAL-OXIDE VARISTOR ACROSS THE A.C. COIL AS SHOWN.



SOLENOID COIL DATA

100 SERIES



22 WATT NOMINAL				COIL ASSEMBLY PART NO.					
VOLTS	OHMS	INITIAL CURRENT DRAW (AMPS)	LEAD COLOR	**D	D*S	**H	**C	**B	D*E
12 DC	7	1.83	RED	D1D 10162-76	D1S 10164-10	D1H 10162-78	D1C 10162-80	D1B 10162-91	D1E 10164-13
24 DC	26	.92	BLUE	D2D 10162-77	D2S 10164-11	D2H 10162-79	D2C 10162-81	D2B 10162-92	D2E 10164-14
36 DC	59	.61	GRAY	D3D 10163-97	X	D3H 10164-00	D3C 10164-03	D3B 10164-06	X
48 DC	105	.46	ORANGE	D4D 10163-98		D4H 10164-01	D4C 10164-04	D4B 10164-07	
120 AC	Δ 496	.18	BLACK	A5D 10162-82		A5H 10162-84	A5C 10162-86	A5B 10162-90	
240 AC	Δ 1830	.18	YELLOW	A6D 10162-83		A6H 10162-85	A6C 10162-87	A6B 10164-09	

Δ RESISTANCE CANNOT BE MEASURED ON A.C. COIL ASSEMBLIES

OTHER COIL OPTIONS AVAILABLE-CONSULT FACTORY.