MATERIALS & FINISHES
Molded inserts: Glass fiber reinforced diallyl phthalate per MIL-M-14, type GDI-30F, green.
Pin contact material: Brass per QQ-B-626.
Socket contact material: Standard socket (open entry construction): Phosphor bronze per QQ-B-750.
Closed entry socket: Brass body per QQ-B-626; beryllium copper pressure member per QQ-C-533.
Contact finish: Gold plate per MIL-G-45204, type I, grade C, class as required by customer, over a suitable underplate.
Accessories (hardware, hoods, etc.): Contact factory.

PERFORMANCE CHARACTERISTICS
Voltages, breakdown (Sea level): 1,300 volts rms, 60 Hz.
Voltages, test (Sea level): 875 volts rms, 60 Hz.
Contact size: No. 20, 0.040” (1.02mm) diameter.
Wire size accommodated: No. 20 AWG.
Current rating: 7.5 amperes maximum per contact.
Insulation resistance: 5,000 megohms minimum.
Operating temperature: −65°C to +125°C.
Connectors meet all other requirements of MIL-C-28748 for contact size 20 (electrical, mechanical, environmental) when supplied with MIL-SPEC approved materials and finishes.

SPRING LOCKS
Vibration proof...prevents disengagement during severe vibration

SM20-20PVS  SM20-20SV