

SM Series

Sub Miniature / #20 – #24 Contacts / 3 And 7.5 Amps



N
Nylon Nut



SM2
Receptacle



SM2P
Plug



SMH
Hood

Extreme compactness and lightweight of these subminiature connectors make them ideal for limited space application in Aircraft. Portable Equipment and Instrumentation.

Specifications

Current Rating:	SM1 - 7.5 amps; SM2, SM3 - 3 amps	Electrical Data:	Dielectric withstanding voltage is one minute electrification at 1200 VAC.
No. of Contacts:	1, 2, 3	Dielectric:	Diallyl Phthalate per MIL-M-14, type SDG-F. Color Gray.
Pin Contacts:	SM1 - .040 dia. brass, gold plated SM2, SM3 - .025 dia. brass, gold plated	Polarization:	Body design allows engagement in only one position.
Socket Contacts:	Phosphor bronze, gold plated	Mounting:	Either plug or receptacle may be mounted on chassis or bulkhead with 1/4 - 28 cadmium plated brass nut. Add "N" to code number to order.
Terminations:	SM1 - .048 dia. solder cup will accept up to #20 AWG stranded wire. SM2, SM3 - .037 dia. solder cup will accept up to #24 AWG stranded wire.	Hood:	Cable hood may be applied to both plug and receptacle. Add "H" to code number. When ordering a hood separately, order P/N SMH.

Physical and Electrical Data

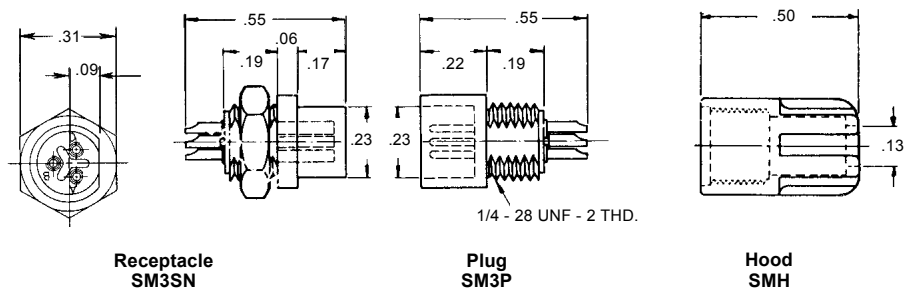
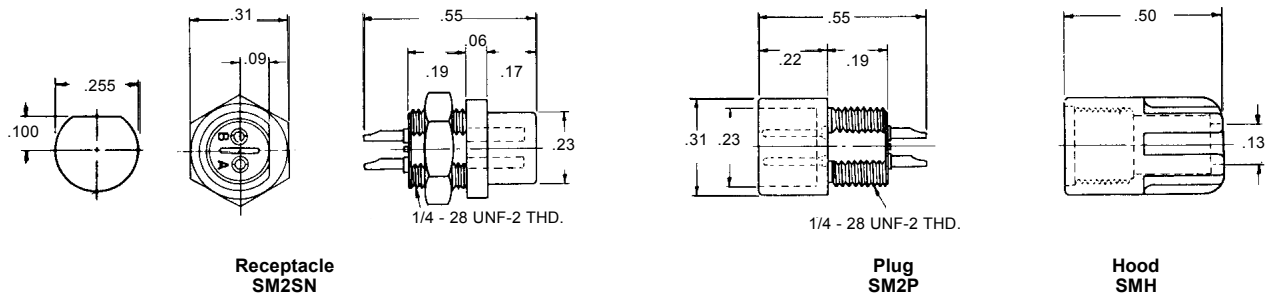
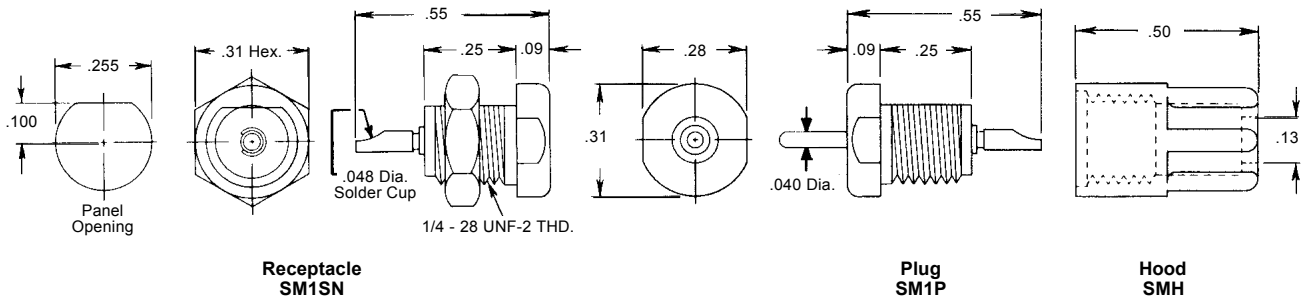
Current Rating	Weight in Ounces		* Wire Range
	P.	R.	
SM1 - 7.5 Amp	.02	.02	SM1 - #20
SM2 - 3 Amp	.02	.02	SM2 - #24
SM3 - 3 Amp	.02	.02	SM3 - #24

* Stranded

SM Series

Outline

Dimensions are for reference only and are subject to change. Outline drawings on request.



Ordering Information

