

SRM Series

Sub Miniature Rectangular #20 Contacts / .040" Dia. / 7.5 Amps

SRM Series connectors are particularly suitable where current rating and voltage drop require-

ments dictate a larger wire size than can be used with other subminiature connectors.



XSRM14PNSS2500



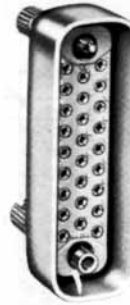
XSRM14PNSS1000



SRM14SNSS0000



SRM26SCO300



XSRM26SM2000



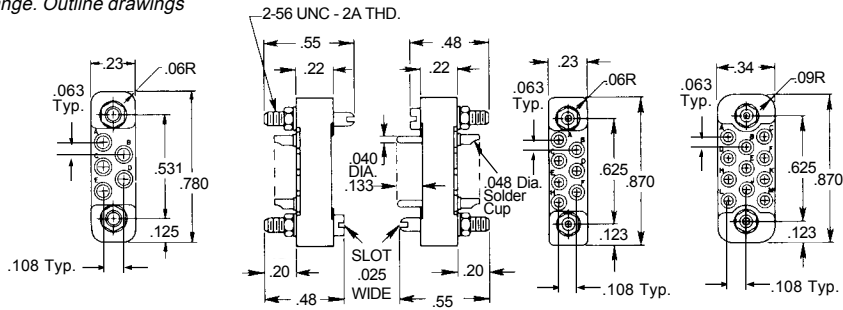
SRM26PF0000

Specifications

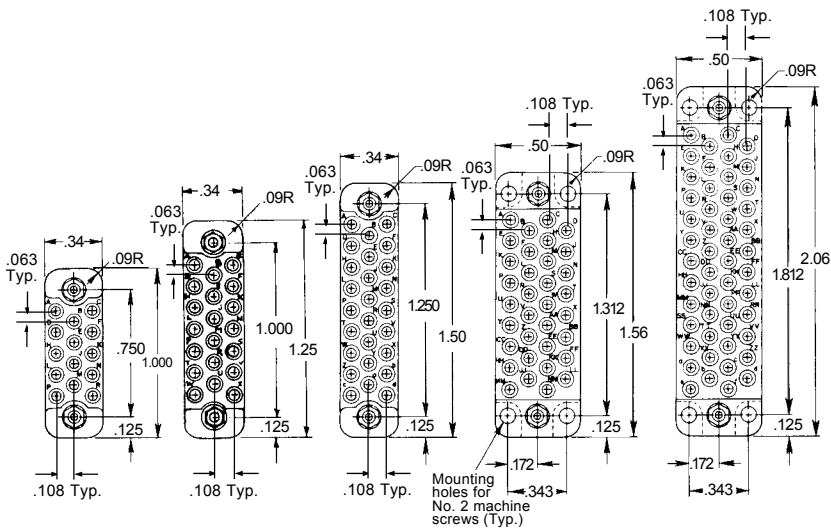
Current Rating:	7.5 Amps	Dielectric:	Glass-filled diallyl phthalate - grey- per MIL-M-14, SDG-F.
No. of Contacts:	5, 7, 11, 14, 20, 26, 34, 50, 75, 104	Guides:	NSS Type, stainless steel; or N Type, brass.
Pin Contacts:	.040 dia. brass, gold plated.	Jackscrews:	Stainless steel with knurled and slotted aluminum knobs.
Socket Contacts:	Phosphor, bronze, gold plated.	Hoods:	Anodized aluminum. May be applied to either plug or receptacle. Both top and side openings are available.
Termination Types:	.048 dia. solder cups will accept up to #20 AWG stranded wire. Dip Solder Contacts, .030 dia. Check Sales Dept. for available lengths.	Shells:	Polarized shells are available. SRM connector assembled with a shell changes part number from SRM _____ to XSRM _____.
Electrical Data:	Minimum dielectric withstanding voltage is one minute at 1500 VAC when tested in accordance with MIL-C-28748.		

Contact Arrangements

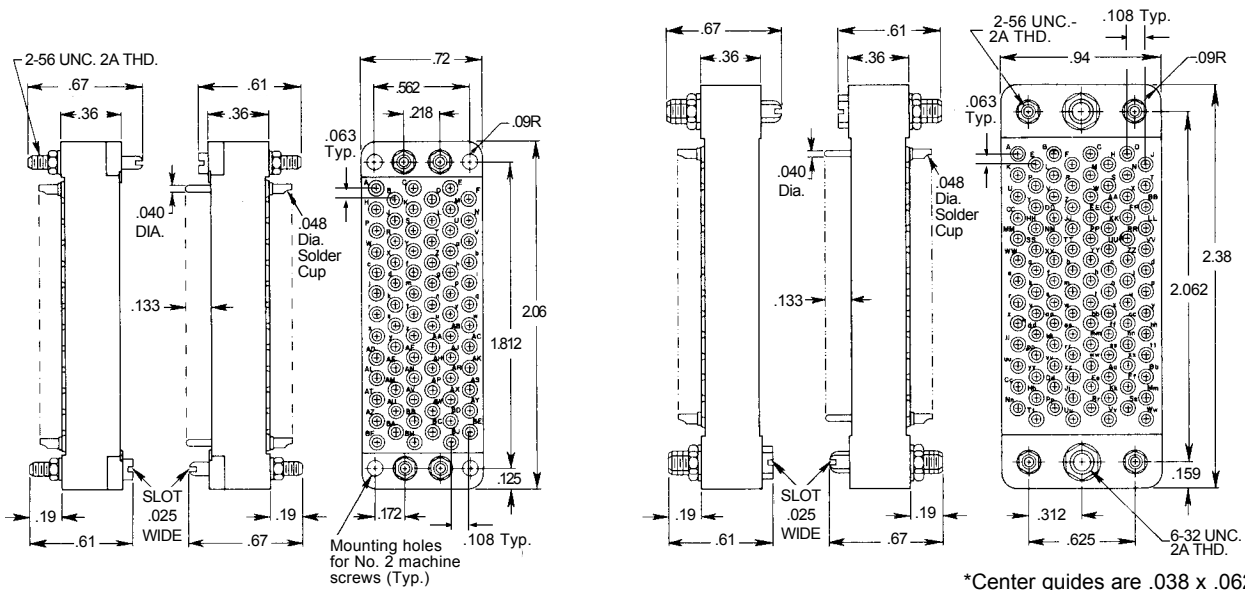
Dimensions are for reference only and are subject to change. Outline drawings on request.



SRM5P-NSS SRM7S-NSS SRM7P-NSS SRM11P-NSS



SRM14P-NSS SRM20P-NSS SRM26S-NSS SRM34P-NSS SRM50P-NSS



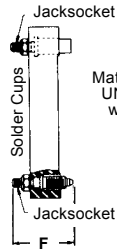
SRM75S-NSS SRM75P-NSS SRM104S-NSS SRM104P-NSS

*Center guides are .038 x .062

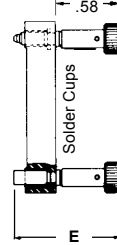
SRM Series

OUTLINE JACKSCREWS & JACKSOCKETS

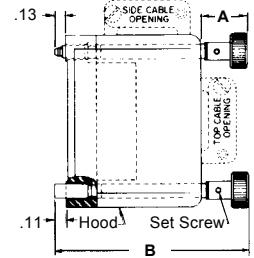
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Mating thread size 2-56 UNC except size 104 which is 6-32 UNC.



AND
Mating connector half with turnable Jackscrews-with-Knobs Code designation M



OR
Mating connector half with Hood and turnable Long Jackscrews-with-Knobs Code designation C-0300, C-0400

Connector with fixed Jackscrews Code designation F

Jackscrew locking device assures positive coupling of engaged connectors to prevent accidental disconnecting from vibration or physical shock. It also aids easy connection and separation of connector plug and receptacle. Mounted connector-half houses one non-turnable fixed jackscrew and jacksocket to insure connector polarization. Mating-half houses one of the two types of turning jackscrew and jacksocket (M or C) Turnable jackscrew-jacksocket combination (M or C) assembles on either Plug or

Receptacle, the mating connector-half (either Receptacle or Plug) must then contain fixed jackscrew-jacksocket combination (F). Both short and long turning jackscrews (M and C) have knurled and slotted knobs for locking by hand or screwdriver. Knob is assembled on shaft with a socket setscrew. Safety wiring of engaged halves is achieved by using the through-holes. Drawings show extension of standard knobs beyond hood.

Dimensions

Standard Connector Size	Long Turning Code "C"		Short Turning Code "M"	Fixed Jacks Code "F"
	0300	0300X		
	A	B	E	F
SRM 5	—	—	.92	.53
SRM 7	—	1.28	.92	.53
SRM 11	—	1.84	.92	.53
SRM 14	—	1.84	.92	.53
SRM 20	—	2.09	.92	.53
SRM 26	.56	2.09	.92	.53
SRM 34	.56	2.09	.92	.53
SRM 50	.56	2.09	.92	.53
SRM 75	.56	2.23	1.06	.67
SRM 104	.56	2.80	1.06	.67

Codes

Note: Jackscrews and jacksockets are stainless steel with passivating dip. Knob is anodized aluminum.

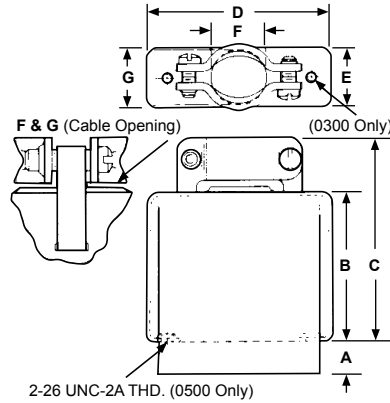
TYPE		Code Letter
Jackscrew Jacksocket	Fixed	F
Jackscrew Jacksocket	Short Turnable	M
Jackscrew Jacksocket	Long Turnable	C
Knob	Standard	—

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Hoods- Formed Aluminum

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

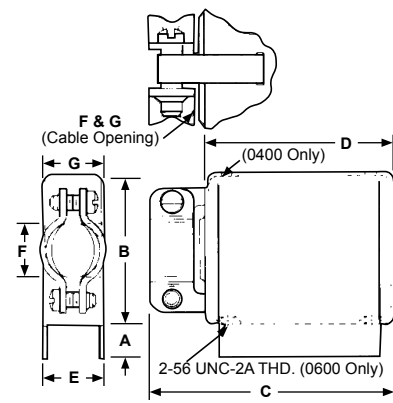
Top Cable Opening Hoods



0300X Cable Clamp

0300X Hood is identical to 0300 Hood except for cable clamp style and cable opening in the hood.

Side Cable Opening Hoods



0400X Cable Clamp

0400X Hood is identical to 0400 Hood except for cable clamp style and cable opening in the hood.

Dimensions

Top Cable Opening Hoods

Code No.	Dimensions							Cable Opening		Code No.	Dimensions							Cable Opening	
	A*	B	C	D	E	F	G	F	G		A*	B	C	D	E	F	G	F	G
SRM 7-0300X	.16	.38	.67	.88	.30	.36	.23			SRM 34-0300	.16	1.19	1.63	1.56	.56	.63	.5		
SRM 7-0500	.16	.38	.69	.88	.30	.30	.23			SRM 34-0300X	.16	1.19	1.67	1.56	.56	.81	.5		
SRM 7-0500X	.16	.38	.67	.88	.30	.36	.23			SRM 34-0500	.16	1.19	1.63	1.56	.56	.63	.5		
SRM 11-0300X	.16	.94	1.23	.88	.41	.47	.34			SRM 34-0500X	.16	1.19	1.67	1.56	.56	.81	.5		
SRM 11-0500	.16	.94	1.25	.88	.41	.44	.34			SRM 50-0300	.16	1.19	1.63	2.06	.56	.66	.5		
SRM 11-0500X	.16	.94	1.23	.88	.41	.47	.34			SRM 50-0300X	.16	1.19	1.67	2.06	.56	.88	.5		
SRM 14-0300X	.16	.94	1.23	1	.41	.5	.34			SRM 50-0500	.16	1.19	1.63	2.06	.56	.66	.5		
SRM 14-0500	.16	.94	1.25	1	.41	.44	.34			SRM 50-0500X	.16	1.19	1.67	2.06	.56	.88	.5		
SRM 14-0500X	.16	.94	1.23	1	.41	.5	.34			SRM 75-0300	.16	1.19	1.63	2.06	.78	.63 Dia.			
SRM 20-0300X	.16	1.19	1.67	1.25	.41	.72	.34			SRM 75-0300X	.16	1.19	1.72	2.06	.78	.91	.72		
SRM 20-0500	.16	1.19	1.63	1.25	.41	.34	.72			SRM 75-0500	.16	1.19	1.63	2.06	.78	.63 Dia.			
SRM 20-0500X	.16	1.19	1.67	1.25	.41	.72	.34			SRM 75-0500X	.16	1.19	1.72	2.06	.78	.91	.72		
SRM 26-0300	.16	1.19	1.63	1.5	.41	.56	.34			SRM 104-0300	.16	1.75	2.28	2.38	1	1.06	.94		
SRM 26-0300X	.16	1.19	1.63	1.5	.41	.91	.34			SRM 104-0300X**	.16	1.75	2.52	2.38	1	.86	1.36		
SRM 26-0500	.16	1.19	1.63	1.5	.41	.56	.34			SRM 104-0500	.16	1.75	2.28	2.38	1	1.06	.94		
SRM 26-0500X	.16	1.19	1.63	1.5	.41	.91	.34			SRM 104-0500X**	.16	1.75	2.52	2.38	1	.86	1.36		

Hoods may be ordered separately (see code numbers in above tables) or assembled on connectors. If desired assembled to connectors, see Code Numbering System for complete catalog number.

Prefix hood code numbers with "X" for use with shells. Example: XSRM34-0300

Side Cable Opening Hoods

Code No.	Dimensions							Cable Opening		Code No.	Dimensions							Cable Opening	
	A*	B	C	D	E	F	G	F	G		A*	B	C	D	E	F	G	F	G
SRM 11-0400	.16	.94	1.19	.88	.41	.44	.34			SRM 34-0400	.16	1.19	2	1.56	.56	.63	.5		
SRM 11-0400X	.16	.94	1.17	.88	.41	.34	.47			SRM 34-0400X	.16	1.19	2.03	1.56	.56	.81	.5		
SRM 11-0600	.16	.94	1.19	.88	.41	.44	.34			SRM 34-0600	.16	1.19	2	1.56	.56	.63	.5		
SRM 11-0600X	.16	.94	1.17	.88	.41	.34	.47			SRM 34-0600X	.16	1.19	2.03	1.56	.56	.81	.5		
SRM 14-0400	.16	.94	1.31	1	.41	.44	.34			SRM 50-0400	.16	1.19	2.5	2.06	.56	.66	.5		
SRM 14-0400X	.16	.94	1.30	1	.41	.5	.34			SRM 50-0400X	.16	1.19	2.53	2.06	.56	.88	.5		
SRM 14-0600	.16	.94	1.31	1	.41	.44	.34			SRM 50-0600	.16	1.19	2.5	2.06	.56	.66	.5		
SRM 14-0600X	.16	.94	1.30	1	.41	.5	.34			SRM 50-0600X	.16	1.19	2.53	2.06	.56	.88	.5		
SRM 20-0400	.16	1.19	1.69	1.25	.41	.56	.34			SRM 75-0400	.16	1.19	2.5	2.06	.78	.63 Dia.			
SRM 20-0400X**	.16	1.19	1.73	1.25	.41	.72	.34			SRM 75-0400X	.16	1.19	2.58	2.06	.78	.91	.72		
SRM 20-0600	.16	1.19	1.69	1.25	.41	.56	.34			SRM 75-0600	.16	1.19	2.5	2.06	.78	.63 Dia.			
SRM 20-0600X**	.16	1.19	1.73	1.25	.41	.72	.34			SRM 75-0600X	.16	1.19	2.58	2.06	.78	.91	.72		
SRM 26-0400	.16	1.19	1.94	1.5	.41	.56	.34			SRM 104-0400	.16	1.75	2.91	2.38	1	1.06	.94		
SRM 26-0400X	.16	1.19	1.94	1.5	.41	.91	.34			SRM 104-0400X	.16	1.75	2.91	2.38	1	1.44	.94		
SRM 26-0600	.16	1.19	1.94	1.5	.41	.56	.34			SRM 104-0600	.16	1.75	2.91	2.38	1	1.06	.94		
SRM 26-0600X	.16	1.19	1.94	1.5	.41	.91	.34			SRM 104-0600X	.16	1.75	2.91	2.38	1	1.44	.94		

*Note: This dimension does not apply when shells are used. Tab is removed.

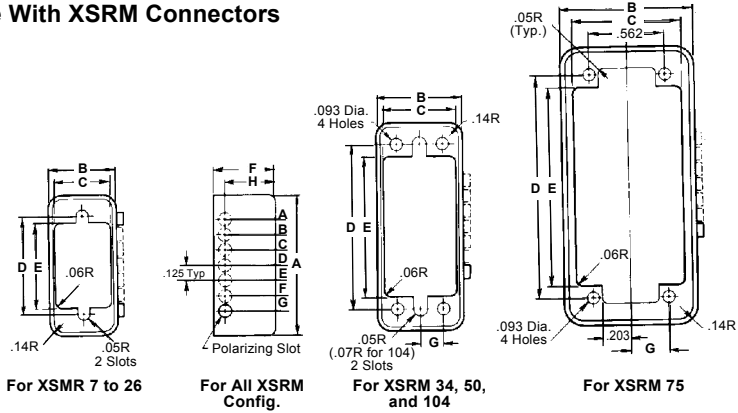
**Request availability information.

SRM Series

Plug Shells

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

For Use With XSRM Connectors



For XSMR 7 to 26

For All XSRM Config.

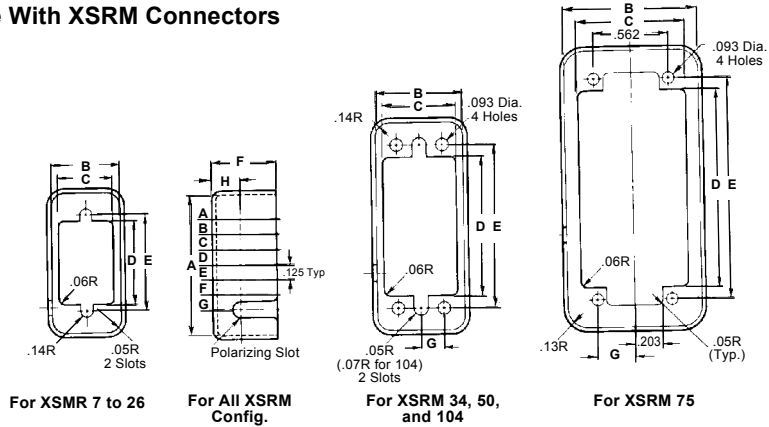
For XSRM 34, 50, and 104

For XSRM 75

Receptacle Shells

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

For Use With XSRM Connectors



For XSMR 7 to 26

For All XSRM Config.

For XSRM 34, 50, and 104

For XSRM 75

Materials

Shells are .031 thick aluminum, anodized for protection against corrosion. Either style - plug or receptacle - may be used to house a female insert, thus allowing "live" socket contacts to be cable or panel mounted.

Shells also provide a means by which connector polarization is accomplished - receptacle shell is slotted for engaging a polarizing pin on plug shell. Non-polarized shells have the slot and pin omitted.

Polarization

The shell part numbers given in table show an asterisk (*) where the code letter for the desired polarizing position belongs - example: XSRM14-2*000 becomes XSRM14-2B000

when polarization in position "B" is desired. Specify the same position on the mating shell. For non-polarized shells, merely omit this position, e.g. XSRM14-2000.

Shell Size	Available Polarization Positions	Shell Size	Available Polarization Positions
7	A,B,C,D	34	A,B,C,D,E,F,G
11	A,B,C,D	50	A,B,C,D,E,F,G
14	A,B,C,D,E	75	A,B,C,D,E,F,G
20	A,B,C,D,E,F,G	104	A,B,C,D,E,F,G
26	A,B,C,D,E,F,G		

Dimensions

Plug Shells (.031" thick)

Shell Part No. (if ordered separately)	Dimensions							
	A	B	C	D	E	F	G	H
XSRM 7-1*000	.97	.33	.23	.625	.53	.44	-	.31
XSRM 11-1*000	.97	.44	.34	.625	.53	.44	-	.31
XSRM 14-1*000	1.11	.44	.34	.750	.67	.44	-	.31
XSRM 20-1*000	1.34	.44	.34	1.00	.94	.44	-	.31
XSRM 26-1*000	1.61	.44	.34	1.250	1.16	.44	-	.31
XSRM 34-1*000	1.66	.61	.5	1.312	1.16	.44	.172	.31
XSRM 50-1*000	2.16	.83	.5	1.812	1.66	.44	.172	.31
XSRM 75-1*000	2.16	.81	.72	1.812	1.66	.58	.281	.45
XSRM 104-1*000	2.48	1.05	.94	2.062	1.81	.58	.312	.45

Receptacle Shells (.031" thick)

Shell Part No. (if ordered separately)	Dimensions							
	A	B	C	D	E	F	G	H
XSRM 7-2*000	1	.36	.23	.625	.53	.44	-	.19
XSRM 11-2*000	1	.47	.34	.625	.53	.44	-	.19
XSRM 14-2*000	1.13	.47	.34	.750	.67	.44	-	.19
XSRM 20-2*000	1.38	.47	.34	1.00	.94	.44	-	.19
XSRM 26-2*000	1.63	.47	.34	1.250	1.16	.44	-	.19
XSRM 34-2*000	1.69	.63	.5	1.312	1.16	.44	.172	.19
XSRM 50-2*000	2.19	.63	.5	1.812	1.66	.44	.172	.19
XSRM 75-2*000	2.19	.84	.72	1.812	1.66	.58	.281	.33
XSRM 104-2*000	2.5	1.06	.94	2.062	1.81	.58	.312	.33

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Ordering Information

Omit steps not required

