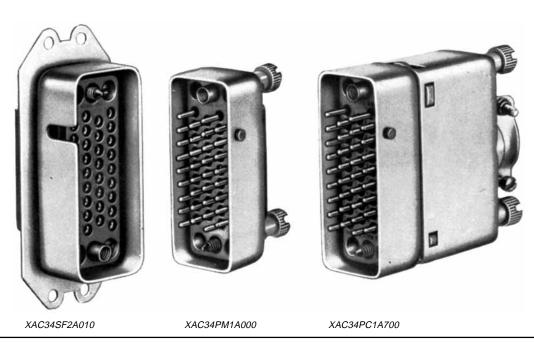
XAC Series

External Miniature Rectangular, Removable Contacts



Designed for external installation, the XAC is the MRAC removable contact connector equipped with protective shells and mounting plates for chassis or cable mounting on metal containers, bulkheads, or any outside surface equipment. Lighter and smaller than other external connectors, they provide dependable service under adverse conditions. Inserts are housed in protective shells and there is screw lock coupling of plug and receptacle.

SPECIFICATIONS

66, 75, 104pin and slot polarization shells. Additional polariz tion can be provided with various arrangements of jackscrews and guides.										
Contacts:9, 14, 18, 20, 26, 34, 42, 50, 66, 75, 104Polarization: Seven positions available pin and slot polarization - shells. Additional polariz tion can be provided with various arrangements of jackscrews and guides.Contacts:Contacts must be ordered separately. Select from crimp, solder, dip solder, shielded or wire wrap terminations.Polarization: shells. Additional polariz tion can be provided with various arrangements of jackscrews and guides.Electrical Data:Meets high potential performance requirements of MIL-C-28748. The dielectric withstanding voltage is one minute electrification at 2000 VAC.Accessories: packscrews and jacksockCATALOG NO.CATALOG NO.CATALOG NO.XAC3-0300XMS 18192-T8 XMRE75-0400XPMS 18192-XX MS 18192-T1MRE75-0400XP MS 18193-T1XMC20-0300XMS 18192-T2 XMR466-0700MS 18193-T1 XMMS700PMS 18197-1 XMMS700SXMRE9-0400XMS 18192-S8 XMRA66-0800MS 18193-S1 XMMS700SMS 18197-2	•	g: Up to 13 a	mps	Dielect						
Contractor Separately. Select from crimp, solder, dip solder, shielded or wire wrap terminations. tion can be provided with various arrangements of jackscrews and guides. Electrical Data: Meets high potential performance requirements of MIL-C-28748. The dielectric withstanding voltage is one minute electrification at 2000 VAC. Shells, formed and draw hoods, mounting plates, jackscrews and jacksock Military versions are QPL'd to M28748/3 and M28748/4. MEETS-0400XS MS 18192-T8 XAC9-0300X MS 18192-T1 XMRE75-0400XS MS 18192-S6 XAC14-0300X MS 18192-T2 XMRA66-0700 MS 18193-T1 XMRE9-0400X MS 18192-S8 XMRA66-0800 MS 18193-S1			0, 26, 34, 42, 50	0, Polariz	pin					
performance requirements of MIL-C-28748. The dielectric withstanding voltage is one minute electrification at 2000 VAC. Military versions are QPL'd to M28748/3 and M28748/4. jackscrews and jacksock CATALOG NO. CATALOG NO. CATALOG NO. XAC9-0300X MS 18192-T8 XMRE75-0400XS MS 18192SX XJMS603P MS 18196-3 XAC14-0300X MS 18192-T1 XMRE75-0400XP MS 18192-S6 XJMS603S MS 18196-4 XAC20-0300X MS 18192-T2 XMRA66-0700 MS 18193-T1 XNMS700P MS 18197-1 XMRE9-0400X MS 18192-S8 XMRA66-0800 MS 18193-S1 XNMS700S MS 18197-2	Contacts:	separately. crimp, solde shielded or	Select from er, dip solder, wire wrap	Access	tior var jacl	tion can be provided with various arrangements of jackscrews and guides.				
M28748/3 and M28748/4. CATALOG NO. CATALOG NO. CATALOG NO. XAC9-0300X MS 18192-T8 XMRE75-0400XS MS 18192SXX XJMS603P MS 18196-3 XAC14-0300X MS 18192-T1 XMRE75-0400XP MS 18192-S6 XJMS603S MS 18196-4 XAC20-0300X MS 18192-T2 XMRA66-0700 MS 18193-T1 XNMS700P MS 18197-1 XMRE9-0400X MS 18192-S8 XMRA66-0800 MS 18193-S1 XNMS700S MS 18197-2	Electrical Data	performance MIL-C-2874 withstanding minute elect 2000 VAC.	e requirements 8. The dielectr 9 voltage is one trification at	ic						
XAC9-0300X MS 18192-T8 XMRE75-0400XS MS 18192SXX XJMS603P MS 18196-3 XAC14-0300X MS 18192-T1 XMRE75-0400XP MS 18192-S6 XJMS603S MS 18196-4 XAC20-0300X MS 18192-T2 XMRA66-0700 MS 18193-T1 XMMS700P MS 18197-1 XMRE9-0400X MS 18192-S8 XMRA66-0800 MS 18193-S1 XMMS700S MS 18197-2										
XAC14-0300X MS 18192-T1 XMRE75-0400XP MS 18192-S6 XJMS603S MS 18196-4 XAC20-0300X MS 18192-T2 XMRA66-0700 MS 18193-T1 XMMS700P MS 18197-1 XMRE9-0400X MS 18192-S8 XMRA66-0800 MS 18193-S1 XMMS700S MS 18197-2	CATALOG NO.		CATALOG NO.		CATALOG N	10.				
XAC20-0300X MS 18192-T2 XMRA66-0700 MS 18193-T1 XNMS700P MS 18197-1 XMRE9-0400X MS 18192-S8 XMRA66-0800 MS 18193-S1 XNMS700S MS 18197-2	XAC9-0300X	MS 18192-T8	XMRE75-0400XS	MS 18192SXX	XJMS603P	MS 18196-3				
XMRE9-0400X MS 18192-S8 XMRA66-0800 MS 18193-S1 XNMS700S MS 18197-2			XMRE75-0400XP	MS 18192-S6	XJMS603S	MS 18196-4				
			XMRA66-0700			MS 18197-1				
XMRE14-0400X MS 18192-S1 XMRA 104-0700 MS 18193-T2 XMMS702P MS 18197-3			XMRA66-0800	MS 18193-S1	XNMS700S	MS 18197-2				
	XMRE14-0400X	MS 18192-S1	XMRA 104-0700	MS 18193-T2	XNMS702P	MS 18197-3				

MS 18193-S2

MS 18194-1

MS 18194-2

MS 18194-3

MS 18194-4

MS 18195-1

MS 18195-2

MS 18195-3

MS 18195-4

MS 18196-1

MS 18196-2

XNMS702-S

XMRA 14-0010

XMRA 20-0010

XMRA 34-0010

XMRA42-0010

XMRA50-0010

XMRA75-0010

XMRA66-0010

XMRA104-0010

MS 18197-4

MS 18198-1

MS 18198-2

MS 18199-1

MS 18199-2

MS 18199-3

MS 18199-4

MS 18200-1

MS 18200-2

Winchester/Retconn

62 Barnes Industrial Road North, Wallingford, Connecticut 06492 Phone: (203)741-5400 Fax: (203)741-5500 www.winchesterelectronics.com

XMRA 104-0800

XJTCMS605P

XJTCMS605S

XJTCMS608P

XJTCMS608S

XJTMS605P

XJTMS605S

XJTMS606P

XJTMS606S

XJMS602P

XJMS602S

MS 18192-S2

MS18192-T9

MS 18192-S9

MS18192-T3

MS 18192-S3

MS 18192-T4

MS 18192-S4

MS18192-T5

MS 18192-S5

MS 18192-T6

MS 18192-TXX

XMRE20-0400X

XMRE26-0300X

XMRE26-0400X

XMRE34-0300X

XMRE34-0400X

XMRE42-0300X

XMRE42-0400X

XMRE50-0300X

XMRE50-0400X

XMRE75-0300XP

XMRE75-0300XS

XAC Series

External Miniature Rectangular, Removable Contacts

CONNECTOR ASSEMBLIES 。周 Self-locking pins 0 AMM Turnable Jacksocket **20/5** Jackscrew and Jacksocket Knobs Plug Shell Male Insert Turnable Jackscrew IO) (TOXO) 000 Fixed Jackscrew (D)(D)(D) 000 0 0 **Receptacle Shell Mounting Plate** Female Insert Fixed

DEFINITIONS OF Connector terms

Plug: The complete connector half which has the plug shell as part of its assembly. **Receptacle:** The complete connector half which has the receptacle shell as part of its assembly.

Shell: The metal housing in which a male or female insert is assembled. A shell is either a plug shell or a receptacle shell:

- Plug Shell one which is designed to be inserted into a receptacle shell.
- Receptacle Shell one which is designed to receive and enclose the plug shell upon engagement.

Male Insert: The molded insulator body containing pin contacts.

Female Insert: The molded insulator body containing socket contacts.

Jacksocket

Pin Contacts: Male Contacts that fit into the socket contacts.

Receptacle

Socket Contacts: Female Contacts tubular in shape, which receive the pin contacts and retain them by spring tension.

Polarization: A means of controlling the engagement of a plug and receptacle so that correct mating of the contacts is achieved.

Accessories: Those components such as hoods and mounting plates which are attachable to a plug or receptacle to facilitate mounting and/or handling of the connector, and to prevent inadvertent cross-mating.

Winchester/Retconn

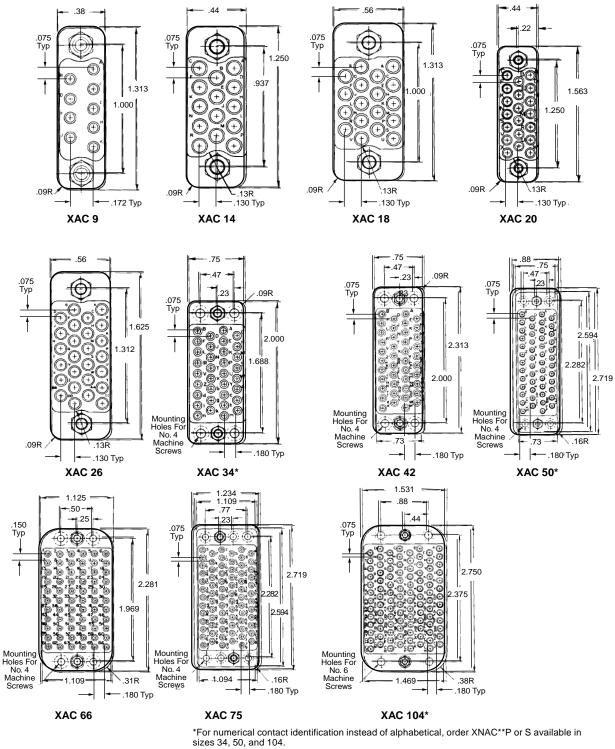
XAC Series

External Miniature Rectangular, Removable Contacts

CONTACT ARRANGEMENTS

Winchester/Retconn

Dimensions are for reference only and are subject to change. Outline drawings on request. Views are rear (wiring end) of female inserts. (Male inserts are opposite.)



Sizes 66 and 75 have numerical contact identification as standard.

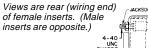
The spacing, arrangement, and identification of contacts of the XAC inserts are the same as those found on the Series MRAC removable contact connectors for the same number of contacts.

XAC Series

External Miniature Rectangular, Removable Contacts

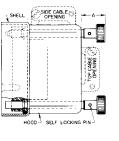
JACKSCREW & JACKSOCKETS

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

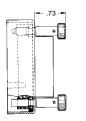


UNC SIZE WHICH IS 6-32 UNC EXCEPT 104 WHICH IS 8-32 UNC

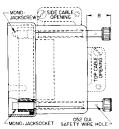
Fixed Jackscrews (F)



Long Turning Jackscrews (C) Used With Hoods



Short Turning Jackscrews (M) Used Only Without Hoods



Monojacks (D) Used With Hoods

SPECIFICATIONS

Turnable jackscrew-jacksocket combination (M, C, or D) 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 hollow, removable, self-locking pin. Safety wiring of engaged halves is achieved by using the through-hole in self-locking pin in the knob. Monojacks (D) are long turning one-peice locking devices with slotted and knurled head. Shaft has through-hole for safety wire. available with hoods only, in sizes 34, 42, 50, 66, 75, and 104.

Drawings show extension of standard knobs beyond shell and beyond hood.

APPLICATIONS

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 three types of turning jackscrew and jacksocket (M, C, or D).

LOCKING DEVICE	SP	ECIFICATIO	NS
	CODE LETTER	WT. OZ. See Notes 1 & 2	MATERIAL AND FINISH
Jackscrew Jacksocket } Fixed	F	0.15	Nickel Plated Brass
Jackscrew } Short Jacksocket }	М	0.30	Stainless Steel with Passivating Dip
Jackscrew Long Jacksocket Turnable	С	0.45	Stainless Steel with Passivating Dip
Mono-Jackscrew Long Turnable Mono-Jacksocket	D	1.07	Nickel Plated Brass
Knob Standard	_	_	Aluminum Anodized

Note 1: Weights are for pairs; i.e. for a jacksorew and jacksocket, etc., so weight figure may be added once to weights of other accessories when computing total weight of plug or receptacle.

Note 2: Weights of turnable jackscrews and turnable jacksockets include knob and rollpins, except mono-jackscrew and mono-jacksocket, which is a one-piece construction (shaft and knob made in one piece); weight of fixed jackscrew and jacksocket includes nuts.

DIMENSIONS

Standard Knobs - Extension Beyond Hood

	Dimension A											Di	men	sior	۱B		
XAC	9*	14*	18*	20*	26	34	42	50	66	75	104	34	42	50	66	75	104
0300	.55	.55	.55	.55	.77	.58	.53	.53	-	.52	-	.59	.55	.55	-	.53	-
0400	.55	.55	.55	.55	.55	.58	.53	.53	-	.52	-	.59	.55	.55	-	.53	-
0700	-	-	-	-	-	.58	-	-	.64	-	.52	Ι	-	-	.38	-	.38
0800	-	-	-	-	-	.58	-	-	.64	-	.52	Ι	-	-	.38	-	.38

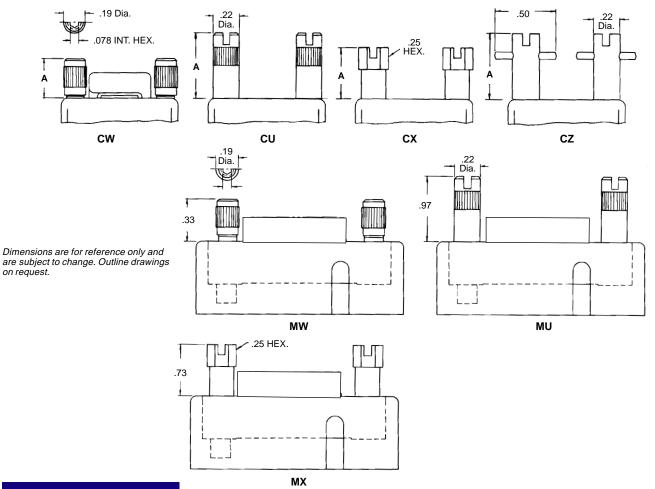
*On sizes 9, 14, 18, and 20, only large top opening hoods are available when (c) long turning jackscrews are used. Catalog Number for large top opening hoods is - 0300X. Example: XAC20-0300X

Winchester/Retconn

XAC Series

External Miniature Rectangular, Removable Contacts

OUTLINE - JACKSCREWS



DIMENSIONS

All jackscrews and sockets are stainless steel, passivated (except F & D which are nickel plated brass). All knobs are aluminum, anodized except MW and CW which are stainless steel, passivated.

Size			-	ods			Size				ods		
••	0300			0400X		0800	••	0300			0400X		0800
		Dimens	sion A –	Type C	W				Dimen	sion A -	- Type C	X	
9	-	.36	.36	.36	-	-	9	-	.48	.48	.48	-	-
14	-	.36	.36	.36	-	-	14	-	.48	.48	.48	-	-
18	-	.36	.36	.36	-	-	18	-	.48	.48	.48	-	-
20	-	.36	.36	.36	-	-	20	-	.48	.48	.48	-	-
26	.36	.36	.36	.36	-	-	26	.77	.48	.48	.48	-	-
34	.39	.39	.39	.39	.47	.47	34	.52	.52	.52	.52	.61	.61
42	.34	.34	.34	.34	-	-	42	.47	.47	.47	.47	-	-
50	.34	.34	.34	.34	-	-	50	.47	.47	.47	.47	-	-
66	-	1	-	-	.47	.47	66	-	-	-	-	.61	.61
75	.33	.33	.33	.33	-	-	75	.45	.45	.45	.45	-	1
	[Dimen	sion A -	- Туре С	ະບ			I	Dimen	sion A -	- Type C	Z	
9	-	.61	.61	.61	-	-	9	-	.61	.61	.61	-	-
14	-	.61	.61	.61	-	-	14	-	.61	.61	.61	-	-
18	-	.61	.61	.61	-	-	18	-	.61	.61	.61	-	-
20	-	.61	.61	.61	-	-	20	-	.61	.61	.61	-	-
26	.61	.61	.61	.61	-	-	26	.92	.61	.61	.61	-	-
34	.64	.64	.64	.64	.72	.72	34	.64	.64	.64	.64	.72	.72
42	.59	.59	.59	.59	-	-	42	.59	.59	.59	.59	-	-
50	.59	.59	.59	.59	-	-	50	.59	.59	.59	.59	-	-
66	-	-	-	-	.72	.72	66	-	-	-	-	.72	.72
75	.58	.58	.58	.58	-	-	75	.58	.58	.58	.58	-	-

Winchester/Retconn

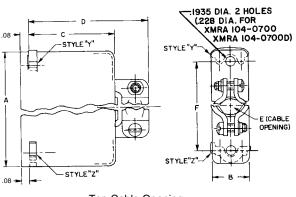
XAC Series

External Miniature Rectangular, Removable Contacts

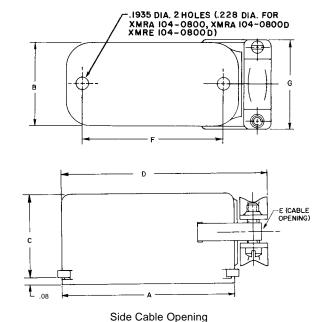
OUTLINE HOODS - DRAWN ALUMINUM

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

The XAC Series uses standard XMRA/ XMRE protective hardware. To order separately, use XMRE/XMRA catalog numbers indicated.



Top Cable Opening



DIMENSIONS

XMRA Drawn Hoods for use with XAC Connectors.

Hoods - Side Cable Opening

Hous - Side Cable Opening											
ForUse With	Hood Part No. (If ordered	DIMENSIONS									
	separately)	Α	В	С	D	E	F	G			
Type C Jack	XMRA 34-0800	2.09	.84	1.17	2.58	.64x.75	1.688	1.06			
Sockets and Jackscrews	XMRA 66-0800	2.38	1.22	1.17	2.91	.84D	1.969	1.34			
Dackscrews	XMRA 104-0800	2.84	1.63	2.23	3.38	1.19D	2.375	1.63			
Type D Jack	XMRA 34-0800D	2.09	.84	1.17	2.58	.64x.75	1.688	1.06			
Sockets and	XMRA 66-0800D	2.38	1.22	1.17	2.91	.84D	1.969	1.34			
Jackscrews	XMRA 104-0800D	2.84	1.63	2.23	3.38	1.19D	2.375	1.63			
Turne F	XMRA 34-0200	2.09	.84	1.17	2.58	.64x.75	-	1.06			
Type F Jackscrews	XMRA 66-0200	2.38	1.22	1.17	2.91	.84D	-	1.34			
	XMRA 104-0200	2.84	1.63	2.23	3.38	1.19D	-	1.63			

Hoods - Top Cable Opening

ForUse With	Hood Part No. (If ordered			DII	MENS	IONS	
	separately)	Α	В	С	D	E	F
Type C Jack	XMRA 34-0700	2.09	.84	1.17	1.59	.66x.75	1.688
Sockets and Jackscrews	XMRA 66-0700	2.38	1.22	1.17	1.69	1.03D	1.969
Dackscrews	XMRA 104-0700	2.84	1.63	2.23	2.75	1.19D	2.375
Type D Jack	XMRA 34-0700D	2.09	.84	1.17	1.59	.66x.75	1.688
Sockets and	XMRA 66-0700D	2.38	1.22	1.17	1.69	1.03D	1.969
Jackscrews	XMRA 104-0700D	2.84	1.63	2.23	2.75	1.19D	2.375
T	XMRA 34-0900	2.09	.84	1.17	1.59	.66x.75	-
Type F Jackscrews	XMRA 66-0900	2.38	1.22	1.17	1.69	1.03D	-
Cuchociewa	XMRA 104-0900	2.84	1.63	2.23	2.75	1.19D	-

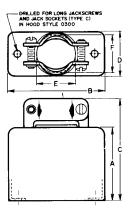
Winchester/Retconn

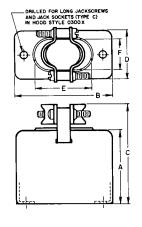
XAC Series

External Miniature Rectangular, Removable Contacts

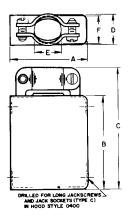
OUTLINE HOODS - FORMED ALUMINUM

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





Large Top Cable Opening



Side Cable Opening

DIMENSIONS

XMRE Formed Hoods for use with XAC Connectors

Hoods - Top Cable Opening

Top Cable Opening

For use with	For use with Type C Jacksockets & Jackscrews	For use with Fixed Jackscrews*		Dime	nsions	Ca Ope	Wt. Oz. (Inc. 2 Cable		
Monojacks Hood Part (If ordered sepa			A	в	С	D	E Dia.	F Dia.	Clamps and Screws)
	XAC 9-0300X	XAC 9-0500XJ	1.28	1.31	1.58	.44	.59	.31	0.3
	XAC 14-0300X	XAC 14-0500XJ	1.28	1.25	1.58	.50	.59	.38	0.3
	XAC 18-0300X	XAC 18-0500XJ	1.28	1.31	1.78	.63	.61	.44	0.4
	XAC 20-0300X	XAC 20-0500XJ	1.28	1.56	1.58	.50	.66	.38	0.3
	XMRE 26-0300	XMRE 26-0500J	1.28	1.63	1.72	.64	.59	.38	
	XMRE 26-0300X	XMRE 26-0500XJ	1.28	1.63	1.78	.64	.78	.44	0.4
XMRE 34-0300D	XMRE 34-0300	XMRE 34-0500J	1.25	2	1.69	.83	.66	-	_
XMRE 34-0300XD	XMRE 34-0300X	XMRE 34-0500XJ	1.25	2	1.75	.83	1.06	.56	0.6
XMRE 42-0300D	XMRE 42-0300	XMRE 42-0500J	1.30	2.31	1.73	.83	.63	_	
XMRE 42-0300XD	XMRE 42-0300X	XMRE 42-0500XJ	1.30	2.31	1.80	.83	1.06	.56	0.7
XMRE 50-0300D	XMRE 50-0300	XMRE 50-0500J	1.30	2.59	1.73	.83	.63	-	
XMRE 50-0300XD	XMRE 50-0300X	XMRE 50-0500XJ	1.30	2.59	1.80	.83	1.06	.56	0.8
XMRE 75-0300D	XMRE 75-0300	XMRE 75-0500J	1.31	2.59	1.75	1.19	.63	.88	
XMRE 75-0300XD	XMRE 75-0300X	XMRE 75-0500XJ	1.31	2.59	1.86	1.19	1	.88	1.0

* For use with G, K, or N guides, eliminate letter "J" from part number

Hoods - Side Cable Opening

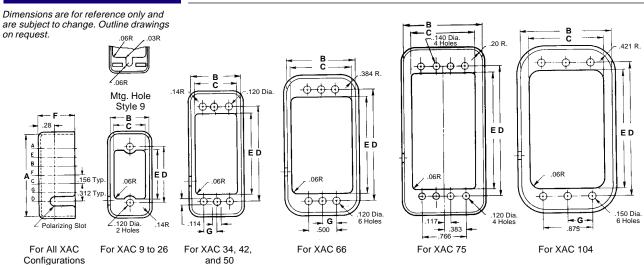
For use with	For use with Type C Jacksockets & Jackscrews	Type C Fixed Jacksockets & Jackscrews*			nsions		Cal Ope		Wt. Oz. (Inc. 2 Cable
Monojacks	Hood Part No. (If ordered separately)		A	в	с	D	E Dia.	F Dia.	Clamps and Screws)
	XMRE 9-0400	XMRE 9-0600J	1.28	1.31	1.63	.44	.31	-	
	XMRE 9-0400X	XMRE 9-0600XJ	1.28	1.31	1.61	.44	.59	.31	0.3
	XMRE 14 -0400	XMRE 14-0600J	1.28	1.25	1.69	.5	.38	-	
	XMRE 14-0400X	XMRE 14-0600XJ	1.28	1.25	1.55	.5	.59	.38	0.3
	XMRE 18-0400	XMRE 18-0600J	1.28	1.31	1.75	.38	.44	-	
	XMRE 18-0400X	XMRE 18-0600XJ	1.28	1.31	1.81	.38	.69	.44	0.4
	XMRE 20-0400	XMRE 20-0600J	1.28	1.56	2	.5	.38	-	
	XMRE 20-0400X	XMRE 20-0600XJ	1.28	1.56	1.86	.5	.66	.38	0.3
	XMRE 26-0400	XMRE 26-0600J	1.28	1.63	2.06	.64	.59	.38	
	XMRE 26-0400X	XMRE 26-0600XJ	1.28	1.63	2.13	.64	.78	.44	0.4
XMRE 34-0400D	XMRE 34-0400	XMRE 34-0600J	1.25	2	2.42	.83	.66	-	
XMRE 34-0400XD	XMRE 34-0400X	XMRE 34-0600XJ	1.25	2	2.50	.83	.81	.56	0.6
XMRE 42-0400D	XMRE 42-0400	XMRE 42-0600J	1.30	2.31	2.73	.83	.63	.5	
XMRE 42-0400XD	XMRE 42-0400X	XMRE 42-0600XJ	1.30	2.31	2.81	.83	.84	.56	0.7
XMRE 50-0400D	XMRE 50-0400	XMRE 50-0600J	1.30	2.59	3.02	.83	.63	.5	
XMRE 50-0400XD	XMRE 50-0400X	XMRE 50-0600XJ	1.30	2.59	3.09	.83	1.06	.56	0.8
XMRE 75-0400D	XMRE 75-0400	XMRE 75-0600J	1.31	2.59	3.02	1.19	.63	.88	
XMRE 75-0400XD	XMRE 75-0400X	XMRE 75-0600XJ	1.31	2.59	3.14	1.19	1	.88	1.0

* For use with G, K, or N guides, eliminate letter "J" from part number

Winchester/Retconn

XAC Series

OUTLINE <u>Shell</u>s - Receptacles



External Miniature Rectangular, Removable Contacts

DIMENSIONS SHELLS - RECEPTACLES

Important Note When Ordering Shell Pa Plug and Receptacle Shells (ford)

The shell part numbers given in the table show an asterisk (*) where the code letter for the desired polarizing position belongs - example: XMRE9-2*000 becomes XMRE9-2B000 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. XMRE9-2000.

TYPICAL SHELLS FOR MONOJACKS STYLE No. 4000

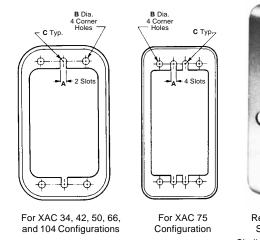
Shells are .040 in. thick.

Shells are aluminum, anodized for protection against corrosion. Either shell style - plug or receptacle - may be used to house the female insert, thus allowing the "live" socket contacts to be cable or panel mounted, as desired. Shells also provide a means by which connector polarization is accomplished - the receptacle shell is slotted for engaging a polarizing pin on the plug shell. Any of seven positions (A, B, C, D, E, F or G) may be specified for polarization; non-polarized shells have the slot and pin omitted.

For Connector Size	Α	В	С
34, 42, 50, 66, 75	.11	.120	.06R
104	.14	.150	.07R

Winchester/Retconn

Shell Part No. (If ordered			DI	IENSI	ONS			Wt.
separately)	Α	В	С	D	Е	F	G	Oz.
XMRE 9-2*000	1.45	.52	.38	1.000	.88	.66	-	0.15
XMRE 14-2*000	1.39	.58	.45	.937	.81	.66	-	0.16
XMRE 18-2*000	1.45	.70	.58	1.000	.88	.66	-	0.17
XMRE 20-2*000	1.70	.58	.45	1.250	1.13	.66	-	0.19
XMRE 26-2*000	1.77	.70	.58	1.312	1.19	.66	-	0.23
XMRE 34-2*000								
XMRE 34-4*000	2.14	.89	.75	1.687	1.44	.66	.234	0.25
XMRE 42-2*000								
XMRE 42-4*000	2.45	.89	.75	2.000	1.75	.66	.234	0.28
XMRE 50-2*000								
XMRE 50-4*000	2.86	1.02	.75	2.282	2.03	.66	.234	0.30
XMRA 66-2*000								
XMRA 66-4*000	2.42	1.27	1.13	1.969	1.72	.66	.250	0.28
XMRE 75-2*000								
XMRE 75-4*000	2.86	1.38	1.11	2.282	2.03	.66	-	0.32
XMRA 104-2*000								
XMRA 104-4*000	2.91	1.69	1.48	2.375	2.13	.66	.437	0.30





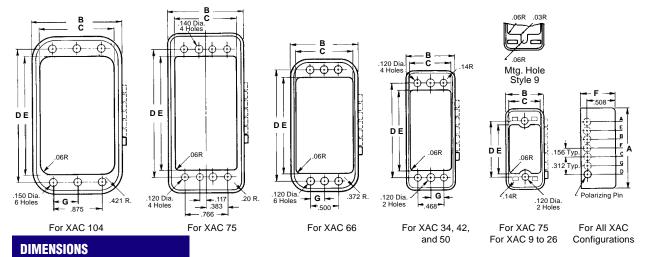
Receptacle Shell Style No. 2000 Shells are .040 in. thick.

XAC SERIES

External Miniature Rectangular, Removable Contacts

OUTLINE SHELLS - PLUGS

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



Important Note When Ordering Plug Shells

The shell part numbers given in the table shows an asterisk (*) where the code letter for the desired polarizing position belongs - example: XMRE9-1*000 becomes XMRE9-1B000 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. XMRE9-1000. Shells are .040 in. thick.

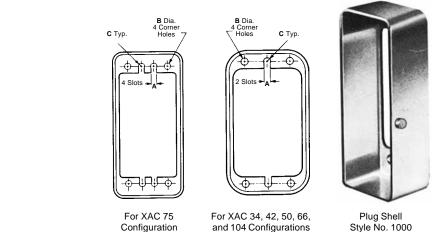
Stainless steel shells available for 66 and 104 sizes. Dimensions vary from those shown for aluminum shells. Check sales for availability and dimensions on all sizes.

TYPICAL SHELLS FOR MONOJACKS STYLE No. 3000

Shells are aluminum, anodized for protection against corrosion. Either shell style - plug or receptacle - may be used to house the female insert, thus allowing the "live" socket contacts to be cable or panel mounted, as desired. Shells also provide a means by which connector polarization is accomplished - the receptacle shell is slotted for engaging a polarizing pin on the plug shell. Any of seven positions (A, B, C, D, E, F or G) may be specified for polarization; non-polarized shells have the slot and pin omitted.

For Connector Size	Α	В	С
34, 42, 50, 66, 75	.11	.120	.06R
104	.14	.150	.07R

Shell Part No. (If ordered			DI	IENSI	ONS			Wt.
separately)	Α	В	С	D	Е	F	G	Oz.
XMRE 9-1*000	1.44	.5	.38	1.000	.88	.63	-	0.14
XMRE 14-1*000	1.38	.56	.45	.937	.81	.63	-	0.15
XMRE 18-1*000	1.44	.69	.58	1.000	.88	.63	-	0.16
XMRE 20-1*000	1.69	.56	.45	1.250	1.13	.63	-	0.18
XMRE 26-1*000	1.75	.69	.58	1.312	1.19	.63	-	0.22
XMRE 34-1*000								
XMRE 34-3*000	2.13	.88	.75	1.687	1.44	.66	.234	0.24
XMRE 42-1*000								
XMRE 42-3*000	2.44	.88	.75	2.000	1.75	.66	.234	0.26
XMRE 50-1*000								
XMRE 50-3*000	2.84	1	.75	2.282	2.03	.66	.234	0.28
XMRA 66-1*000								
XMRA 66-3*000	2.41	1.25	1.13	1.969	1.72	.66	.250	0.28
XMRE 75-1*000								
XMRE 75-3*000	2.84	1.36	1.11	2.282	2.03	.66	-	0.30
XMRA 104-1*000								
XMRA 104-3*000	2.88	1.66	1.48	2.375	2.13	.66	.437	0.30



Winchester/Retconn

62 Barnes Industrial Road North, Wallingford, Connecticut 06492 Phone: (203)741-5400 Fax: (203)741-5500 www.winchesterelectronics.com

Shells are .040 in. thick.

XAC SERIES

External Miniature Rectangular, Removable Contacts

ORDERING INFORMATION

			XAC	9	Р	м	1	A	0	00		
							-					
Step 1	Step 2	Step 3	Step 4	Step 5		Step 6	Step 7	Step 8		Step 9		
Series: XAC, XNAC Numerical contact identification on sizes 34, 50, and 104.	No. of Contacts: 9, 14, 18, 20, 26, 34, 42,	Pin or Socket Contacts: P - Pin S - Socket	Jackscrews (See bottom chart)	Shell Type: Polarization 0 No shell A, B, C, D, 1 Plug shell, style 1'000. A, B, C, D, 2 Receptacle shell, style 2'000. For G. 3 Plug shell, monojack type, style 3'000. required. 4 Receptacle, monojack type, style 4'000. required. 7 Stainless Steel Plug shell, style 7'000. style 7'000.		•	Mounting 00- Wh mou plat req *10- Mou	en no unting te is uired unting te, style 110. <i>e section</i> <i>RP/57.</i> <i>g plates</i> <i>sed with</i> or "D"	Special G Omit letter are not rec "G- Bulkh #0000 when special "F- Face #0000 male "B- If bott and g are de	when gasket: quired. lead gasket, s DG. Use only mounting pla fied. gasket, style DF. Use with insert only. n gasket #0000F esired. ant for availab		
				Receptacle shell, style 8'000. [*] Polarizing Position ^{**} Request availability information								
			Step 4	Step 4			Step 7					
		Guid G-		les Cylindrical guide with single spring member.				Formed Hoods: 0- No Hood.				
		0	Recommended for ground only.				3- Hood, top opening, style #0300, for use with Type "C					
		K-		Cylindrical guide with four spring members. May be used for electrical contact.			or "D" jackscrews. 4- Hood, side opening, style #0400, for use with Type "0					
		N-	Cylindrical guide without spring member. Recommended for extra mechanical strength.			 or "D" jackscrews. 5- Hood, top opening, style #0500J, for use with "F" style jackscrews. 6- Hood, side opening, style #0600J, for use with "F" style jackscrews. Deep Drawn Hoods: 						
		Jack	 Jackscrews and Jacksockets M- Polarized short turnable jackscrew and jacksocket. Cannot be used with hoods. C- Polarized long turnable jackscrew and jacksocket for use with hoods. 									
		C-										
		*** D-	Polarized or	ne-piece mono-jackscrew and		7- Hood, top opening, style #0700, for use with Type "C or "D" jackscrews.						
			mono-jacksocket (no separate knob); to be used with hoods on sizes: 34, 42, 50, 66, 75, and 104.				8- Hood, side opening, style #0800, for use with Type " or "D" jackscrews.					
		***F-	Polarized fixed jackscrew and jacksocket usable with or without hood; (no knob			"F" ja	ckscrews.		0900, for us			
		** MV	required). /- Same as M but with knurled round knob with				 Hood, side opening, style #0200, for use with "F" jackscrews. Note: Addition of "X" to code # indicates cable openin 					
		** ML		Same as M but with knurled round knob with screwdriver slot.		nd knob with	larger than std. See hoods for cable opening size. Example: XAC20PC1A300 X					
		** MX	- Same as M		x knob.					00 X		
		** CV	- Same as C but with knurled round knob with		d knob with							
		** CL	internal hex. J- Same as C I		urled roun	d knob with						
			screwdriver	ewdriver slot.								
			- Same as C I									
		** R	CZ- Same as C but with prybar knob. Request availability information Material: Nickel Plated Brass standard									
		M										
		Note	e: 1. Contact	s are ordei		atoly Soc 100	Sorios cor	tact sectio	n of Rack	& Panel		