

■ XLR Features

- Rugged design to withstand extreme field use.
- Resilient socket insulator which maximizes performance in humid conditions and minimizes vibration and electrical noise.
- Highly reliable machined contacts
- Quick disconnect latch lock
- Low reflectivity satin finish
- Interchangeable & intermateable with XLB2, XLA, XLG, XLB-PC, XLM

■ Applications

- Microphones
- Test Instruments
- Mixers
- D/C Converters
- Amplifiers
- TV Cameras
- Speakers
- VCRs
- Medical Instruments
- Tuners
- Equalizers

■ Standard Data

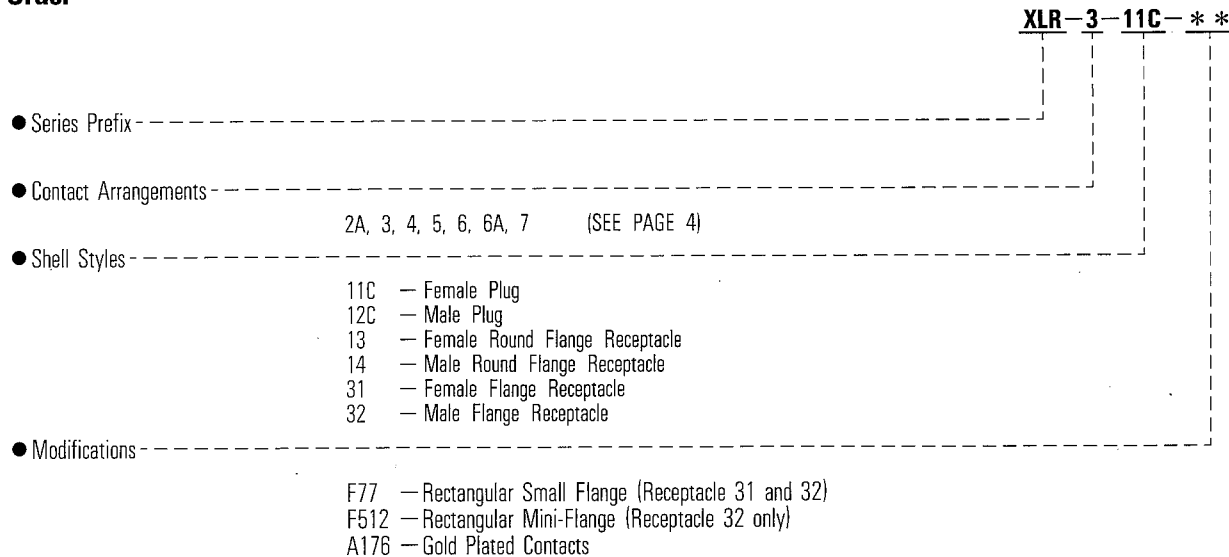
● Specifications(Detail p4)

Rated Current	5A-15A
Service Voltage	133VAC
Dielectric Withstanding Voltage	1400VAC
Insulation Resistance	5000M Ω min.at 500VDC
Contact Resistance	2A, 3, 4, : 5m Ω MAX 5, 6, 6A, 7 : 10m Ω MAX

● Materials(Finishes)

Contacts	Copper Alloy(Silver) (Gold contacts available)
Insulator	Socket : Chloroprene Pin : Nylon
Shell	Aluminum Alloy (Satin Nickel)
Barrel	Steel
Bushing	Chloroprene

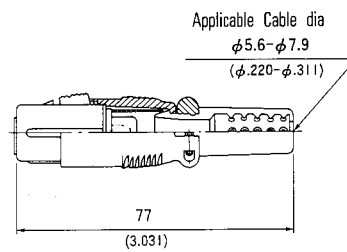
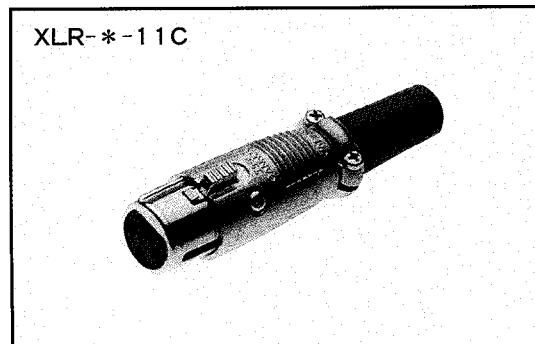
■ How To Order



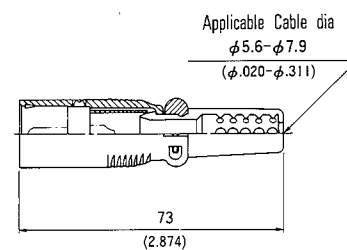
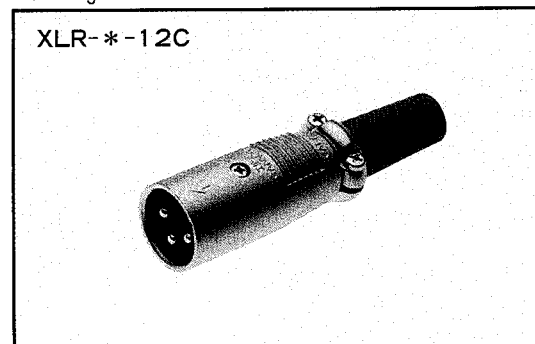
* Black shell available. Contact Factory

Plugs

Female Plug

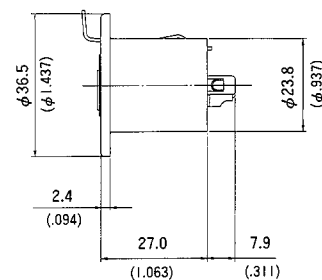
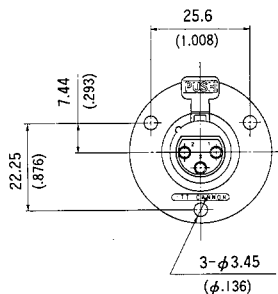
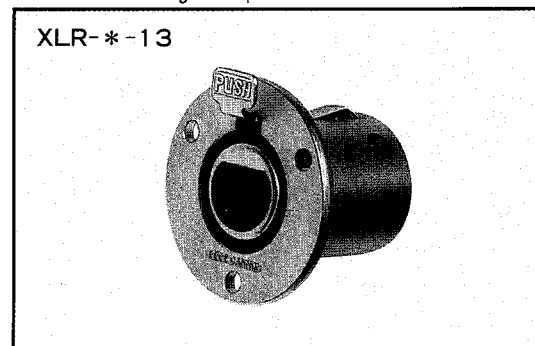


Male Plug

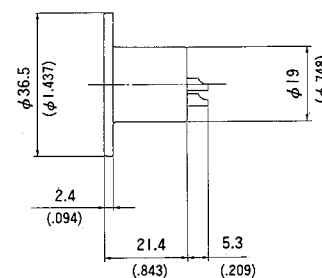
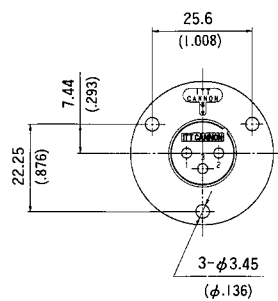
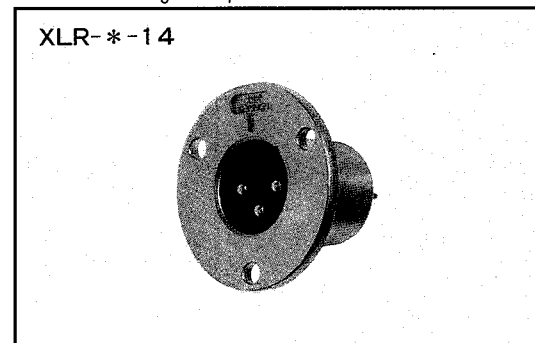


Receptacles

Female Round Flange Receptacles

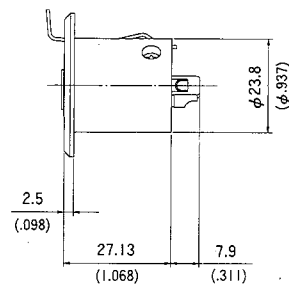
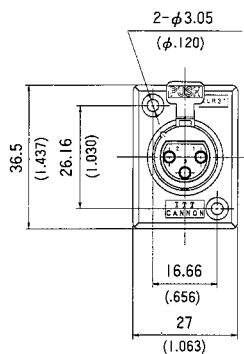
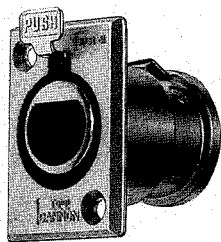


Male Round Flange Receptacles



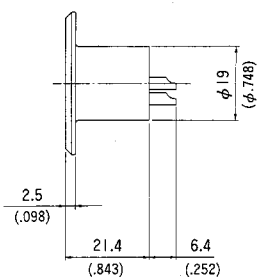
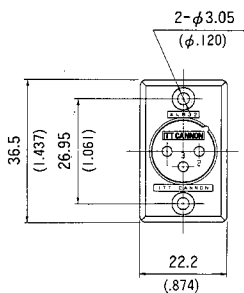
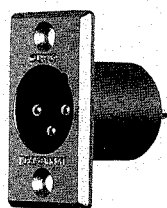
Female Flange Receptacle

XLR-* -31



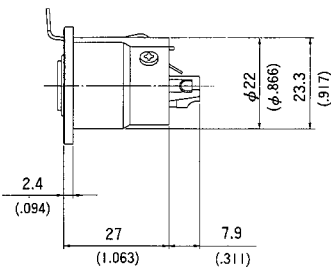
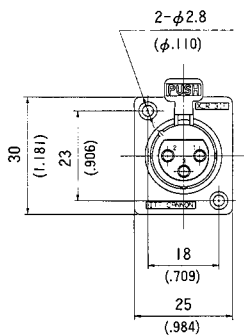
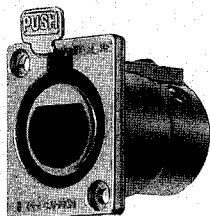
Male Flange Receptacle

XLR-* -32



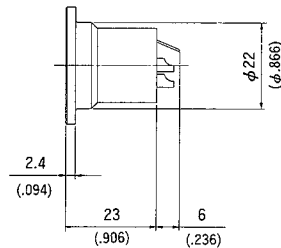
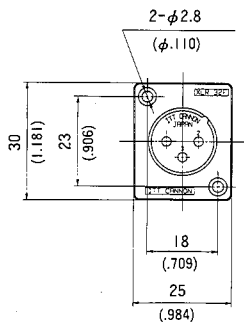
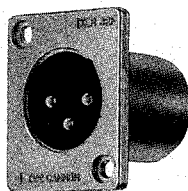
Small Female Flange Receptacle

XLR-* -31-F77



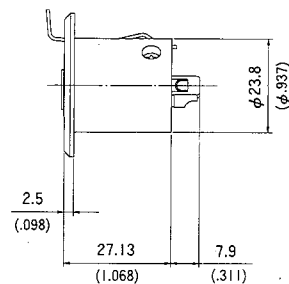
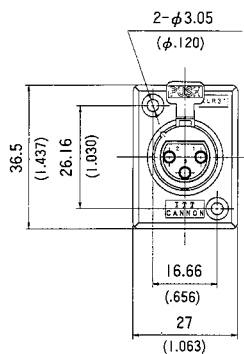
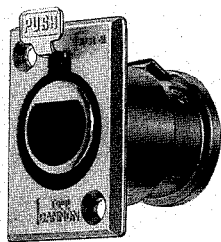
Small Male Flange Receptacle

XLR-* -32-F77



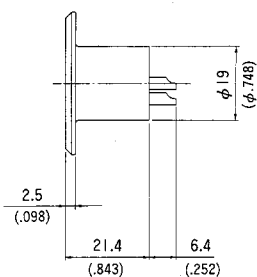
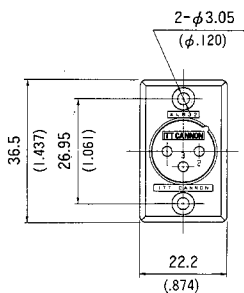
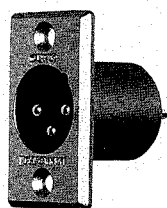
Female Flange Receptacle

XLR-* -31



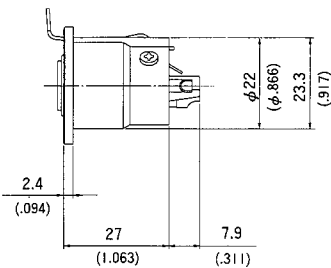
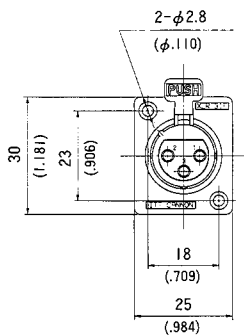
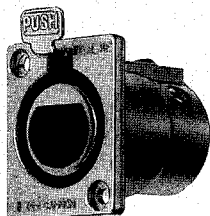
Male Flange Receptacle

XLR-* -32



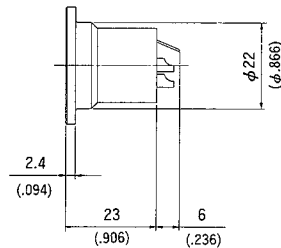
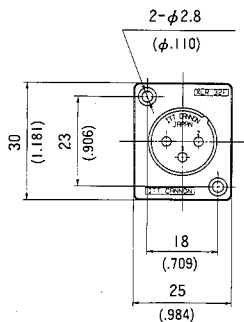
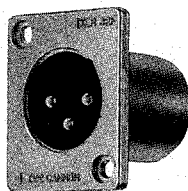
Small Female Flange Receptacle

XLR-* -31-F77



Small Male Flange Receptacle

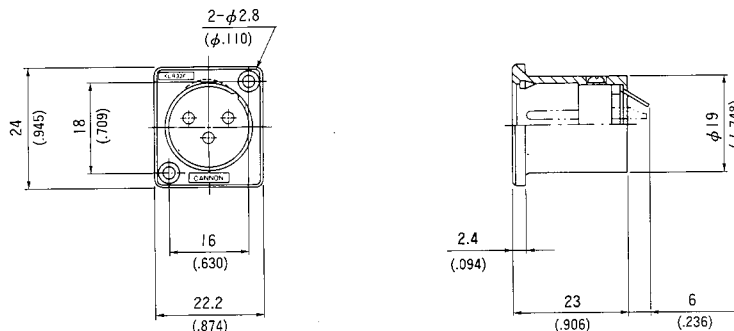
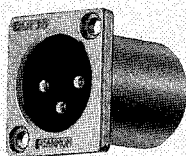
XLR-* -32-F77



XLR

Male Mini Flange Receptacle

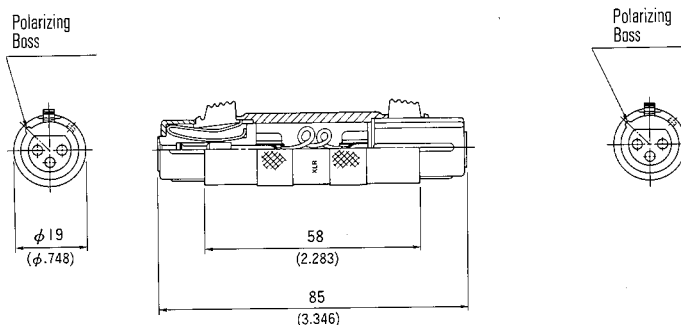
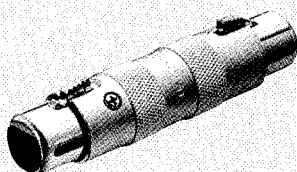
XLR-*-32-F512



Bulkhead-Adapters

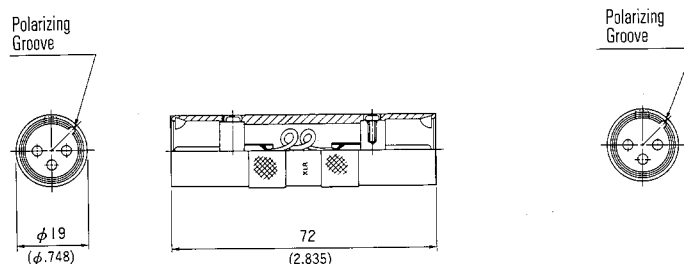
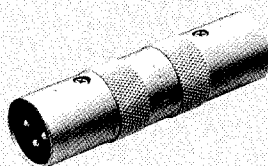
Female-Female Bulkhead

XLR-*-11-11



Male-Male Bulkhead

XLR-*-12-12



Dust Caps

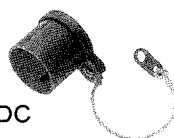
Plastic

Metallic

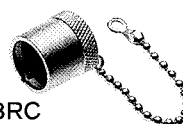
For use with
(Shell styles)

Female Cap

XLR-SDC



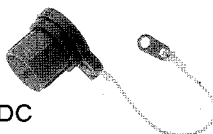
XLR-13RC



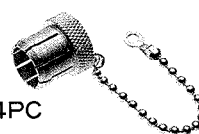
11, 11B, 11C,
13, 31, 31B,
41, 41B, 31-F77

Male Cap

XLR-PDC



XLR-14PC



12, 12B, 12C,
14, 32, 32B,
42, 42B, 32-F77,
32-F512

General Performance Characteristics

Number of Contacts	2	3	4	5	6	6	7
Contact Arrangement Designator	2A	3	4	5	6	6A	7
Contact Arrangement Configuration							
Rated Current	15A	※ 10A	10A	7.5A	7.5A	7.5A	5A
Service Voltage(AC)	200V	133V	133V	133V	133V	133V	133V
Dielectric Withstanding Voltage(AC)	1600V	1400V	1400V	1400V	1400V	1400V	1400V
Insulation Resistance	5,000MΩ min. at 500VDC						
Contact Resistance	See specifications in each series						
Operating Temperature	-35°C ~ +85°C (XLR/XLG; -55°C ~ +125°C)						
Wire Accommodation Reference AWG	#14	#14	#16	#18	#18	#18	#20
Wire Cross Section (max.)	2.0mm ²	2.0mm ²	1.4mm ²	0.9mm ²	0.9mm ²	0.9mm ²	0.5mm ²
Stranded Wire O.D. (max.)	2.1mm	2.1mm	1.6mm	1.4mm	1.4mm	1.4mm	1.0mm

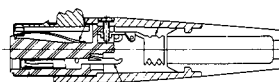
※ XLR/XLG : 15A
XLM/XLB-PC : 3A

Series Variations

Series/Shell	Styles	2A	3	4	5	6	6A	7
XLB2	11/11B	★	★	★	★	★	★	★
	12/12B	★	★	★	★	★	★	★
	31/31B	★	★	★	★	★	★	★
	32/32B	★	★	★	★	★	★	★
	41/41B	★	★	★	★	★	★	★
	42/42B	★	★	★	★	★	★	★
(Crimp)	11F		★					
	11C	★	★	★	★	★	★	★
XLR	12C	★	★	★	★	★	★	★
	13	★	★	★	★	★	★	★
	14	★	★	★	★	★	★	★
	31	★	★	★	★	★	★	★
	32	★	★	★	★	★	★	★
	31-F77	★	★	★	★	★	★	★
	32-F77	★	★	★	★	★	★	★
	32-F512	★	★	★	★	★	★	★
	11		★		★			
	12		★					
XLA	11/11B		★					
	12/12B		★					
	31/31B		★					
XLB	32/32B		★					
	31/32-PCS		★					
	31/32-PCV		★					
XLB	31/32-PCH-L		★					
	31/32-PCH-R		★					
	31/32-PCS		★					
	31/32-PCV		★					
XLM	31/32-PCH-L		★					
	31/32-PCH-R		★					

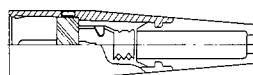
Shell Styles

● Female Plug



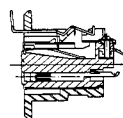
Type ; 11, 11B, 11C

● Male Plug



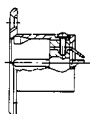
Type ; 12, 12B, 12C

● Female Flange Receptacle



Type ; 13
31, 31B,
41, 41B,
31-F77

● Male Flange Receptacle



Type ; 14
32, 32B,
42, 42B,
32-F77,
32-F512