

# LEMO Connectors



This product is RoHS compliant.



## REDEL® XP SERIES - PUSH/PULL CONNECTORS

### Features:

- Plastic shell made of Proprietary sulfone
- Blind mating, scoop proof
- Extended resistance to sterilization
- Enhanced ergonomics -hand grip-
- Increased resistance to shock
- New patented Push-Pull system
- Cable diameter: 5.3mm - 6.5mm

### Applications:

- Medical electronics
- Test and measurement
- Industrial electronics



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	LEMO Part No.	No. of Contacts	Collet Nut Color	Price Each		
				1	10	25
<b>Plugs</b>						
736-XANM08GLA6A	XAN.M08.GLA.6A	8	Blue	22.28	21.53	20.79
736-XANM08GLA6G	XAN.M08.GLA.6G	8	Gray	22.28	21.53	20.79
736-XANM13GLA6A	XAN.M13.GLA.6A	13	Blue	27.10	26.20	25.29
736-XANM13GLA6G	XAN.M13.GLA.6G	13	Gray	27.10	26.20	25.29
736-XANM22GLA6A	XAN.M22.GLA.6A	22	Blue	36.35	35.13	33.92
736-XANM22GLA6G	XAN.M22.GLA.6G	22	Gray	36.35	35.13	33.92
<b>Plugs with cable collet and nut</b>						
736-XANM08GLA6GZ	XAN.M08.GLA.6GZ	8	Gray	22.28	21.53	20.79
736-XANM13GLA6GZ	XAN.M13.GLA.6GZ	13	Gray	27.10	26.20	25.29
736-XANM22GLA6GZ	XAN.M22.GLA.6GZ	22	Gray	36.35	35.13	33.92
<b>Fixed Sockets</b>						
736-XKNM08GLLA	XKN.M08.GLLA	8	Blue	22.28	21.53	20.79
736-XKNM08GLLG	XKN.M08.GLLG	8	Gray	22.28	21.53	20.79
736-XKNM13GLLA	XKN.M13.GLLA	13	Blue	28.53	27.57	26.62
736-XKNM13GLLG	XKN.M13.GLLG	13	Gray	28.53	27.57	26.62
736-XKNM22GLLA	XKN.M22.GLLA	22	Blue	37.47	36.22	34.97
736-XKNM22GLLG	XKN.M22.GLLG	22	Gray	37.47	36.22	34.97

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	LEMO Part No.	No. of Contacts	Collet Nut Color	Price Each		
				1	10	25
<b>Free Sockets</b>						
736-XRNM08GLL6A	XRN.M08.GLL.6A	8	Blue	23.55	22.76	21.98
736-XRNM08GLL6G	XRN.M08.GLL.6G	8	Gray	23.55	22.76	21.98
736-XRNM13GLL6A	XRN.M13.GLL.6A	13	Blue	29.81	28.81	27.81
736-XRNM13GLL6G	XRN.M13.GLL.6G	13	Gray	29.81	28.81	27.81
736-XRNM22GLL6A	XRN.M22.GLL.6A	22	Blue	36.16	34.87	33.57
736-XRNM22GLL6G	XRN.M22.GLL.6G	22	Gray	36.16	34.87	33.57
<b>Free Sockets with cable collet and nut</b>						
736-XRNM08GLL6GZ	XRN.M08.GLL.6GZ	8	Gray	23.55	22.76	21.98
736-XRNM13GLL6GZ	XRN.M13.GLL.6GZ	13	Gray	29.81	28.81	27.81
736-XRNM22GLL6GZ	XRN.M22.GLL.6GZ	22	Gray	36.16	34.87	33.57

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	LEMO Part No.	Color	Price Each		
			1	10	25
<b>Bend Relief</b>					
* 736-GMA.1B.065.DG	GMA.1B.065.DG	Gray	4.52	4.15	3.82

\* Required for part numbers ending in GZ

## REDEL® SERIES - PUSH/PULL PLASTIC CONNECTORS

LEMO's line of REDEL® plastic connectors are considered the quality standard in the medical industry. This series is also ideally suited for aerospace, test and measurement, and research applications.

### Specifications:

- Multi-contact types from 2 to 32 contacts
- IP Rating 61
- RoHS compliant per LEMO documentation
- Collets included for 2.7mm - 6.5mm diameter wire

### Features:

- Extensive steam or chemical sterilization with rugged PSU or PEI housing materials
- Multi-contact and hybrid inserts save space and connection time



### REDEL® 1P Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	LEMO Part No.	No. of Contacts	Price Each			
			1	10	25	50
<b>Male Solder-Plugs</b>						
Gray shell with kit for all 3 collet sizes						
736-PAGM02GLAZGK	PAG.M0.2GL.AZGK	2	14.37	13.57	12.86	12.02
736-PAGM04GLAZGK	PAG.M0.4GL.AZGK	4	16.10	15.22	14.41	13.46
736-PAGM05GLAZGK	PAG.M0.5GL.AZGK	5	17.03	16.09	15.24	14.24
736-PAGM06GLAZGK	PAG.M0.6GL.AZGK	6	17.80	16.80	15.92	14.87
736-PAGM07GLAZGK	PAG.M0.7GL.AZGK	7	18.56	17.53	16.60	15.51
736-PAGM08GLAZGK	PAG.M0.8GL.AZGK	8	16.94	15.90	14.95	13.75
736-PAGM09GLAZGK	PAG.M0.9GL.AZGK	9	17.18	16.11	15.15	13.93
736-PAGM10GLAZGK	PAG.M1.0GL.AZGK	10	19.42	18.21	17.15	15.75
736-PAGM14GLAZGK	PAG.M1.4GL.AZGK	14	24.10	22.59	21.26	19.54
<b>Female Solder-Receptacles</b>						
Panel front or rear mount gray shell						
736-PKGM02SLLG	PKG.M0.2SLL.G	2	14.33	13.53	12.82	11.97
736-PKGM04SLLG	PKG.M0.4SLL.G	4	16.98	16.03	15.18	14.19
736-PKGM05SLLG	PKG.M0.5SLL.G	5	18.10	17.08	16.18	15.11
736-PKGM06SLLG	PKG.M0.6SLL.G	6	19.54	18.45	17.48	16.33
736-PKGM07SLLG	PKG.M0.7SLL.G	7	20.71	19.55	18.53	17.32
736-PKGM08SLLG	PKG.M0.8SLL.G	8	17.81	17.21	16.61	16.02
736-PKGM09SLLG	PKG.M0.9SLL.G	9	22.78	21.36	20.10	18.47
736-PKGM10SLLG	PKG.M1.0SLL.G	10	30.23	28.55	27.04	25.26
736-PKGM14SLLG	PKG.M1.4SLL.G	14	30.84	29.81	28.78	27.75

### REDEL® 1P Hardware

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	LEMO Part No.	Description	Price Each			
			1	10	25	50
<b>Backnuts</b>						
736-PAG130UA0	PAG.13.0UA.0	Standard backnut, blue	1.29	1.22	1.13	1.04
736-PAG130UJ0	PAG.13.0UJ.0	Standard backnut, yellow	1.29	1.22	1.13	1.04
736-PAG130UN0	PAG.13.0UN.0	Standard backnut, black	1.29	1.22	1.13	1.04
736-PAG130UR0	PAG.13.0UR.0	Standard backnut, red	1.29	1.22	1.13	1.04
736-PAG130UV0	PAG.13.0UV.0	Standard backnut, green	1.29	1.22	1.13	1.04
736-PAM130UG0	PAM.13.0UG.0	Bend relief backnut, gray	2.71	2.54	2.39	2.19
<b>Front Nuts</b>						
736-PKG220UA0	PKG.22.0UA.0	Colored front nut, blue	1.29	1.22	1.13	1.04
736-PKG220UJ0	PKG.22.0UJ.0	Colored front nut, yellow	1.29	1.22	1.13	1.04
736-PKG220UN0	PKG.22.0UN.0	Colored front nut, black	1.29	1.22	1.13	1.04
736-PKG220UR0	PKG.22.0UR.0	Colored front nut, red	1.46	1.38	1.30	1.23
736-PKG220UV0	PKG.22.0UV.0	Colored front nut, green	1.46	1.38	1.30	1.23

## M-SERIES TWIST LOCK CONNECTORS

An Extensive Line of Harsh Environment, Ratchet Coupling Connectors

### Specifications:

- IP 68 Rating: 15 hours, 2m
- Mating Cycles = 3000
- Temperature Range: -50°C/+200°C
- Salt spray corrosion: 144h
- Shell Material: Aluminum with conductive nickel plating
- Shock resistance: 100g, 6ms

### Features:

- Ratchet-coupling mechanism
- Quick mating: 1/2 turn to seat
- Compact design for space savings
- Lightweight Aluminum Housing
- Oil and fuel resistant
- High vibration and shock resistance
- 360° screening for full EMC shielding
- Sealed to IP68 when mated
- Scoop proof
- Contacts are Crimp type unless otherwise specified



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	LEMO Part No.	Shell Size	No. of Contacts	Contact Type	Description	Price Each		
						1	10	25
<b>Plugs</b>								
736-FGNM305XLCT	FGN.0M.305.XLCT	0	5	Male	Straight Plug, Arctic Grip with Mold Stop	71.68	69.12	66.56
736-FGS0M305XLMT	FGS.0M.305.XLMT	0	5	Female	Straight Plug, Arctic Grip with Mold Stop	73.43	70.80	68.18
736-FMS0M305XLMT	FMS.0M.305.XLMT	0	5	Female	Straight Plug, Knurled Grip with Mold Stop	92.71	85.89	80.01
736-FMN1M308XLCT	FMN.1M.308.XLCT	1	8	Male	Straight Plug, Knurled Grip with Mold Stop	74.28	71.63	68.97
736-FGN1M308XLCT	FGN.1M.308.XLCT	1	8	Male	Straight Plug, Arctic Grip with Mold Stop	77.64	74.87	72.09
736-FGS1M308XLMT	FGS.1M.308.XLMT	1	8	Female	Straight Plug, Arctic Grip with Mold Stop	134.70	112.25	103.60
736-FMN2M319XLCT	FMN.2M.319.XLCT	2	19	Male	Straight Plug, Knurled Grip with Mold Stop	83.62	80.63	77.64
<b>Receptacles</b>								
736-PEN0M305XLMT	PEN.0M.305.XLMT	0	5	Female	Rear Panel Mount with Nut	54.71	52.75	50.80
736-PES0M305XLCT	PES.0M.305.XLCT	0	5	Male	Rear Panel Mount with Nut	56.04	54.04	52.03
736-HES0M305XLDP	HES.0M.305.XLDP	0	5	Male	Rear Panel Mount, PCB Potted Contacts with Nut	97.62	90.43	84.24
736-PEN1M308XLMT	PEN.1M.308.XLMT	1	8	Female	Rear Panel Mount with Nut	57.99	55.91	53.84
736-PES1M308XLCT	PES.1M.308.XLCT	1	8	Male	Rear Panel Mount with Nut	84.55	78.33	72.97
736-HEN1M308XLNLP	HEN.1M.308.XLNP	1	8	Female	Rear Panel Mount, PCB Potted Contacts with Nut	70.03	67.52	65.02
736-HES1M308XLDP	HES.1M.308.XLDP	1	8	Male	Rear Panel Mount, PCB Potted Contacts with Nut	108.61	100.63	93.74
736-PEN2M319XLMT	PEN.2M.319.XLMT	2	19	Female	Rear Panel Mount with Nut	73.37	70.75	68.13