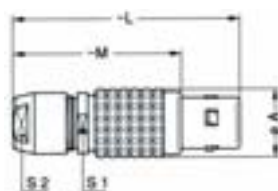


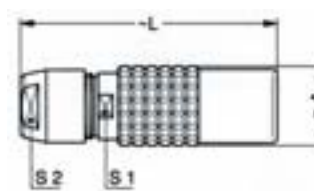
Push/Pull Connectors - continued

Lemo FF Series - continued

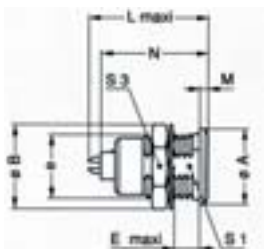
	3 Way	4 Way
Current Rating	3A	2A
Test Voltage (contact to contact)	1.35 kV rms	1.05 kV rms
Test Voltage (contact to shell)	1.10 kV rms	1.05 kV rms
Contact Resistance (1000 cycles)	8.7mΩ	8.7mΩ
Insulation Resistance	10 ¹⁰ Ω	10 ¹⁰ Ω
Materials:	In-Line Plug/Socket	Crimp
Body	Avional, nickel plated	Panel Socket
Pin Contacts	Brass, gold plated	Solder
Socket Contacts	Bronze, gold plated	Wire size
Termination		32-28 AWG, 0.035-0.09mm ²
		Insulation Material
		PEEK
		Temperature Range
		-15°C to +200°C
Mfrs. List Nos.		
FGN.FF.303.YLC=838-7974	ECN.FF.303.XLM=838-8008	HEN.FF.304.XLNP=838-8067
FGN.FF.304.YLC=838-7990	ECN.FF.304.XLM=838-8016	FGG.00.554.04C=838-8075
PHN.FF.303.XLM=838-8024	HEN.FF.303.XLNP=838-8059	EGG.00.654.04M=838-8083
PHN.FF.304.XLM=838-8032		



Straight Cable Plug L=28.5mm M=20.5mm
A=6.4mm S1=5.5mm S2=5.0mm



Straight Cable Socket L=27.0mm A=6.4mm
S1=5.5mm S2=5.0mm



Panel Socket A=8.0mm B=10.3mm e=M7x0.5 E=5.5mm
L=15.5mm M=1.0mm N=13.7mm S1=6.3mm S3=9.0mm

Mfrs. List No.

FGG.00.302.CLAD35=381-7192
FGG.00.303.CLAD35=381-7209
FGG.00.304.CLAD35=381-7210
PHG.00.302.CLLD35=381-7600
PHG.00.303.CLLD35=381-7611
PHG.00.304.CLLD35=381-7623
EGG.00.302.CLL=381-7040
EGG.00.303.CLL=381-7052
EGG.00.304.CLL=381-7064

The Lemo 00 Series are miniature, solder terminated multipole connectors. Cable plugs (FGG) mate with cable sockets (PHG) and panel sockets (EGG). Colour coded strain relief boots are available separately.

	2 Way	3 Way	4 Way
Current Rating	5A	3A	2A
Test Voltage (contact to contact)	1.0 kV rms	0.8 kV rms	0.8 kV rms
Operating Voltage	350V	260V	260V
Contact Resistance (1000 cycles)	7.5mΩ	7.5mΩ	7.5mΩ
Dielectric Strength	19kV/mm	19kV/mm	19kV/mm
Mating Cycles	5000		
Body Mat	Brass UNS C 38500	Termination	Solder
Body Plating	Chrome	Contact Dia	0.5
Pin Contact Mat	Brass	Max Wire Size Solid	28 AWG, 0.09mm ²
Socket Contact Mat	Bronze	Max Wire Size Stranded	30 AWG, 0.05mm ²
Contact Plating	Gold	Insulation Mat	PEEK
		Temperature Range	-55°C to +250°C

232083

381813/406549

No. of Ways	Order Code	10+	25+	50+	+
FF In-Line Plugs- Crimp Termination					
3	838-7974▲	2,732.00	2,595.00	2,541.00	2,186.00
4	838-7990▲	2,782.00	2,643.00	2,587.00	2,225.00
FF In-Line Sockets- Crimp Termination					
3	838-8024▲	1,420.00	1,349.00	1,321.00	1,136.00
4	838-8032▲	1,472.00	1,398.00	1,369.00	1,178.00
FF Panel Sockets- Crimp Termination					
3	838-8008▲	1,188.00	1,129.00	1,105.00	--
4	838-8016▲	1,244.00	1,182.00	1,156.00	--
FF Panel Sockets- PCB Termination (contacts included)					
3	838-8059▲	1,767.00	1,679.00	1,644.00	1,414.00
4	838-8067▲	1,861.00	1,768.00	1,730.00	1,489.00
Plug Crimp Contacts (4 per Pack)					
	838-8075●	202.00	192.00	188.00	161.00
Socket Crimp Contacts (4 per Pack)					
	838-8083●	235.00	223.00	218.00	--

Lemo FF Series Accessories



- Caps maintain connectors IP rating when unmated
- Strain reliefs for use with in-line plugs and sockets

381979/406551

Mfrs. List No.	Order Code	1+	10+	25+	50+	+
In-Line Plug Cap						
BFG.FF.100.XAZ	838-8148▲	1,062.00	1,009.00	987.00	850.00	--
In-Line Socket Cap						
BRF.FF.200.YAV	838-8164▲	2,312.00	2,196.00	2,150.00	--	--
Panel Socket Cap						
BRE.FF.200.YAV	838-8156▲	2,312.00	2,196.00	2,150.00	--	--
Straight Heatshrink Strain Relief						
GMA.10.290.DN	838-8121●	1,116.00	1,061.00	1,038.00	893.00	--
Elbow Heatshrink Strain Relief						
GHA.10.210.DN	838-8130●	1,116.00	1,061.00	1,038.00	893.00	--
Crimp Tool						
MH860	105-992	31,840.00	--	--	--	--
Male Crimp Positioner						
DCE.91.050.OVC	838-8091	5,851.00	5,558.00	5,441.00	--	--
Female Crimp Positioner						
DCE.91.050.OVM	838-8105	5,851.00	5,558.00	5,441.00	--	--
Crimp Extraction Tool						
DCF.91.050.2LT	838-8113	3,462.00	3,288.00	3,219.00	--	--

Lemo 00 Series



Lemo 0B Series



Type EPG

- 9.5mm diameter body
- Dense multi-contact configurations saves panel space
- Push-pull self-latching system offers ease-of use, while preventing damage to contacts
- Multiple keyways prevent accidental cross mating

Electrical Specification

	2 Way	3 Way	4 Way	5 Way	6 Way	7 Way
Current Rating	10A	8A	7A	6.5A	2.5A	2.5A
Test Voltage, Contact-Contact (rms)	1.30KV	1.20KV	0.85KV	1.00KV	0.85KV	0.80KV
Test Voltage, Contact-Shell (rms)	1.05KV	0.90KV	0.70KV	0.70KV	0.65KV	0.70KV
Contact Resistance	4.1mΩ	4.1mΩ	5.6mΩ	5.6mΩ	7.5mΩ	7.5mΩ
Max Wire Size	22 AWG	22 AWG	22 AWG	22 AWG	28 AWG	28 AWG

OB R/A PCB Mount Panel Sockets - type EPG only

	2 Way	3 Way	4 Way	5 Way	6 Way	7 Way
Current Rating	4.5A	4.5A	4.5A	4.5A	2.5A	2.0A
Test Voltage, Contact-Contact (rms)	1.45KV	1.70KV	1.30KV	1.25KV	1.25KV	1.25KV
Test Voltage, Contact-Shell (rms)	1.20KV	1.60KV	1.10KV	1.20KV	1.20KV	1.20KV

Mechanical Specification

Mating Cycles	5000
Materials:	
Body	Brass, Nickel Plated
Pin Contact	Brass, Gold Plated
Socket Contact	Bronze, Gold Plated
Insulation	PEEK

Prices are in Thai Baht and exclude 7% VAT. Due to the volatile nature of certain products, prices are subject to change without notice.