

Temperature Range -55°C to +250°C

Mfrs. List Nos.

FGG.OB.302.CLAD52Z=381-7222	EGG.OB.306.CLL=381-7118
FGG.OB.303.CLAD52Z=381-7234	EGG.OB.307.CLL=381-7120
FGG.OB.304.CLAD52Z=381-7246	ECG.OB.302.CLV.=381-6977
FGG.OB.305.CLAD52Z=381-7258	ECG.OB.303.CLV.=381-6989
FGG.OB.306.CLAD52Z=381-7260	ECG.OB.304.CLV.=381-6990
FGG.OB.307.CLAD52Z=381-7271	ECG.OB.305.CLV.=381-7003
PHG.OB.302.CLLD52Z=381-7635	EPG.OB.302.HLN=431-5250
PHG.OB.303.CLLD52Z=381-7647	EPG.OB.303.HLN=431-5261
PHG.OB.305.CLLD52Z=381-7660	EPG.OB.304.HLN=431-5273
PHG.OB.306.CLLD52Z=381-7672	EPG.OB.305.HLN=431-5285
PHG.OB.307.CLLD52Z=381-7684	EPG.OB.306.HLN=431-5297
EGG.OB.302.CLL=381-7076	EPG.OB.307.HLN=431-5303
EGG.OB.303.CLL=381-7088	FGG.OB.731.DN=381-7283
EGG.OB.304.CLL=381-7090	FGG.OB.742.DN=381-7295
EGG.OB.305.CLL=381-7106	

381817/406552

No. of Ways	Order Code	1+	10+	25+	50+	+
OB Straight Cable Plugs (collet 4.1-5.0mm)						
2	381-7222	1,025.00	997.00	976.00	840.00	--
3	381-7234	1,068.00	1,038.00	1,016.00	874.00	--
4	381-7246	1,130.00	1,100.00	1,076.00	926.00	--
5	381-7258	1,187.00	1,156.00	1,132.00	973.00	--
6	381-7260	1,252.00	1,218.00	1,192.00	1,025.00	--
7	381-7271	1,304.00	1,269.00	1,242.00	1,068.00	--
OB Straight Cable Sockets (collet 4.1-5.0mm)						
2	381-7635	918.00	913.00	894.00	769.00	--
3	381-7647	969.00	964.00	943.00	812.00	--
4	381-7659	1,020.00	1,015.00	994.00	855.00	--
5	381-7660	1,105.00	1,100.00	1,076.00	926.00	--
6	381-7672	1,138.00	1,133.00	1,109.00	954.00	--
7	381-7684	1,190.00	1,184.00	1,159.00	997.00	--
OB Panel Sockets						
2	381-7076	715.00	679.00	665.00	572.00	--
3	381-7088	752.00	715.00	700.00	602.00	--
4	381-7090	806.00	766.00	750.00	645.00	--
5	381-7106	860.00	817.00	800.00	688.00	--
6	381-7118	926.00	879.00	861.00	740.00	--
7	381-7120	962.00	914.00	895.00	770.00	--
OB PCB 90° Panel Sockets						
2	381-6977‡	1,012.00	961.00	941.00	809.00	--
3	381-6989‡	989.00	972.00	951.00	819.00	--
4	381-6990‡	1,068.00	1,049.00	1,027.00	883.00	--
5	381-7003‡	1,197.00	1,177.00	1,152.00	991.00	--
OB RA PCB Mount Panel Sockets - Type EPG						
2	431-5250	1,208.00	1,148.00	1,124.00	--	--
3	431-5261	1,405.00	1,335.00	1,307.00	--	--
4	431-5273	1,554.00	1,476.00	1,445.00	--	--
5	431-5285	1,710.00	1,624.00	1,590.00	--	--
6	431-5297	1,894.00	1,799.00	1,762.00	--	--
7	431-5303	2,073.00	1,969.00	1,928.00	--	--
OB Collets						
Size(mm)						
2.6-3.0	381-7283	99.00	98.00	96.00	82.00	--
3.1-4.0	381-7295	99.00	98.00	96.00	82.00	--

Lemo OK Series



- 9.5mm diameter body
- Environmentally sealed versions of OB series
- Electrical and mechanical specification identical to OB series
- IP66 rating when mated (IP68 with potting of rear termination)

Temperature Range- IP66 connectors -50°C to +200°C
 Temperature Range- IP 68 connectors -20°C to +80°C

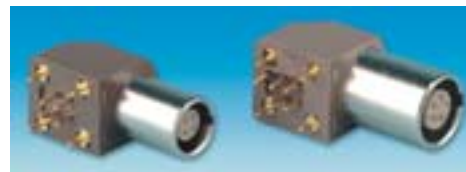
Mfrs. List Nos.

FGG.OK.302.CLAC45Z=838-7036	PHG.OK.305.CLLC45Z=838-7109	EGG.OK.304.CLL=838-7460
FGG.OK.303.CLAC45Z=838-7044	HGG.OK.302.CLLP=838-7117	EGG.OK.305.CLL=838-7478
FGG.OK.304.CLAC45Z=838-7052	HGG.OK.303.CLLP=838-7133	FFA.OE.725.CNS=838-7176
FGG.OK.305.CLAC45Z=838-7060	HGG.OK.304.CLLP=838-7141	FFA.OE.730.CNS=838-7184
PHG.OK.302.CLLC45Z=838-7079	HGG.OK.305.CLLP=838-7150	FFA.OE.735.CNS=838-7192
PHG.OK.303.CLLC45Z=838-7087	EGG.OK.302.CLL=838-7435	FFA.OE.740.CNS=838-7206
PHG.OK.304.CLLC45Z=838-7095	EGG.OK.303.CLL=838-7443	FFA.OE.750.CNS=838-7214

381818/406553

No. of Ways	Order Code	1+	10+	25+	50+	+
OK Straight Cable Plugs- IP66 (collet 4.1-4.5 mm)						
2	838-7036	1,264.00	1,201.00	1,176.00	1,011.00	--
3	838-7044	1,308.00	1,242.00	1,216.00	1,046.00	--
4	838-7052	1,364.00	1,296.00	1,268.00	1,091.00	--
5	838-7060	1,416.00	1,345.00	1,317.00	1,132.00	--
OK Straight Cable Sockets- IP66 (collet 4.1-4.5 mm)						
2	838-7079	1,212.00	1,151.00	1,127.00	970.00	--
3	838-7087	1,276.00	1,213.00	1,187.00	1,021.00	--
4	838-7095	1,314.00	1,248.00	1,222.00	1,051.00	--
5	838-7109	1,341.00	1,274.00	1,247.00	1,073.00	--
OK Panel Sockets- IP66						
2	838-7435	1,027.00	976.00	955.00	822.00	--
3	838-7443	1,064.00	1,011.00	990.00	852.00	--
4	838-7460	1,104.00	1,049.00	1,027.00	883.00	--
5	838-7478	1,146.00	1,088.00	1,065.00	916.00	--
OK Potted Panel Sockets- IP68						
2	838-7117	1,607.00	1,527.00	1,495.00	1,286.00	--
3	838-7133	1,742.00	1,655.00	1,620.00	1,394.00	--
4	838-7141	1,877.00	1,783.00	1,746.00	1,502.00	--
5	838-7150	2,010.00	1,910.00	1,870.00	1,608.00	--
OK Collets						
Size(mm)						
2.1-2.5	838-7176	108.00	103.00	100.00	86.00	--
2.6-3.0	838-7184	108.00	103.00	100.00	86.00	--
3.1-3.5	838-7192	108.00	103.00	100.00	86.00	--
3.6-4.0	838-7206	108.00	103.00	100.00	86.00	--
4.6-5.0	838-7214	108.00	103.00	100.00	86.00	--

1B Series



Type EPG

- 12mm diameter body
- Larger load capacity than OB series connectors
- Push-pull self-latching system offers ease-of use, while preventing damage to contacts
- Multiple keyways prevent accidental cross mating

Electrical Specification

	3 Way	4 Way	5 Way	6 Way	7 Way	8 Way	10 Way
Current Rating	12A	10A	10A	7A	5A	5A	2.5A
Test Voltage, Contact-Contact (rms)	1.30KV	1.35KV	1.25KV	1.05KV	0.95KV	0.95KV	0.90KV
Test Voltage, Contact-Shell (rms)	1.55KV	1.45KV	1.15KV	1.20KV	1.05KV	1.15KV	1.50KV
Contact Resistance	2.8mΩ	4.1mΩ	4.1mΩ	5.6mΩ	5.6mΩ	5.6mΩ	7.5mΩ
Max Wire Size	20 AWG	22 AWG	22 AWG	22 AWG	22 AWG	22 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	7 Way
Current Rating	4.5A	4.5A	4.5A	4.5A	2.0A	2.0A	1.5A
Test Voltage, Contact-Contact (rms)	1.60KV	1.70KV	1.30KV	1.35KV	1.45KV	1.30KV	1.00KV
Test Voltage, Contact-Shell (rms)	1.85KV	1.80KV	1.55KV	1.45KV	1.45KV	1.30KV	1.00KV

Mechanical Specification

Mating Cycles	5000	Pin Contact	Brass, Gold Plated
Materials:		Socket Contact	Bronze, Gold Plated
Body	Brass, Nickel Plated	Insulation	PEEK
Temperature Range	-55°C to +250°C		

Mfrs. List Nos.

FGG.1B.303.CLAD62Z=381-7301	PHG.1B.308.CLLD62Z=381-7738	ECG.1B.304.CLV=926-7042
FGG.1B.304.CLAD62Z=381-7313	PHG.1B.310.CLLD62Z=381-7740	ECG.1B.306.CLV.=381-7039
FGG.1B.305.CLAD62Z=431-5212	EGG.1B.303.CLL=381-7131	ECG.1B.306.CLV=926-7050
FGG.1B.306.CLAD62Z=381-7325	EGG.1B.304.CLL=381-7143	EPG.1B.303.HLN=431-5315
FGG.1B.307.CLAD62Z=381-7337	EGG.1B.305.CLL=431-5236	EPG.1B.304.HLN=431-5327
FGG.1B.308.CLAD62Z=381-7349	EGG.1B.306.CLL=381-7155	EPG.1B.305.HLN=431-5339
FGG.1B.310.CLAD62Z=381-7350	EGG.1B.307.CLL=381-7167	EPG.1B.306.HLN=431-5340
PHG.1B.303.CLLD62Z=381-7696	EGG.1B.308.CLL=381-7179	EPG.1B.307.HLN=431-5352
PHG.1B.304.CLLD62Z=381-7702	EGG.1B.310.CLL=381-7180	EPG.1B.308.HLN=431-5364
PHG.1B.305.CLLD62Z=431-5224	EGG.1B.303.CLV.=381-7015	EPG.1B.310.HLN=431-5376
PHG.1B.306.CLLD62Z=381-7714	ECG.1B.303.CLV=926-7034	FGG.1B.742.DN=381-7362
PHG.1B.307.CLLD62Z=381-7726	ECG.1B.304.CLV.=381-7027	FGG.1B.752.DN=381-7374

381819/406555

No. of Ways	Order Code	1+	10+	25+	50+	+
1B Straight Cable Plugs (collet 5.1-6.0mm)						
3	381-7301	1,388.00	1,318.00	1,290.00	1,110.00	--
4	381-7313	1,439.00	1,367.00	1,338.00	1,151.00	--
5	431-5212	1,904.00	1,809.00	1,770.00	1,523.00	--
6	381-7325	1,591.00	1,512.00	1,480.00	1,273.00	--

5

Connectors - Multipole

Compliant
 Non-compliant
 + Limited stock - RoHS replacement available
RoHS

300,000 products, stocked and ready to despatch