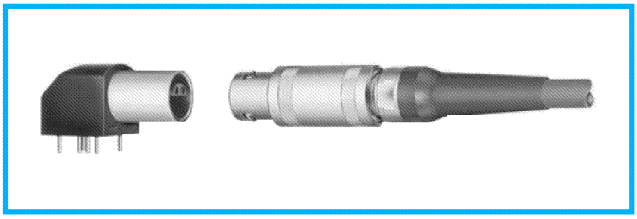
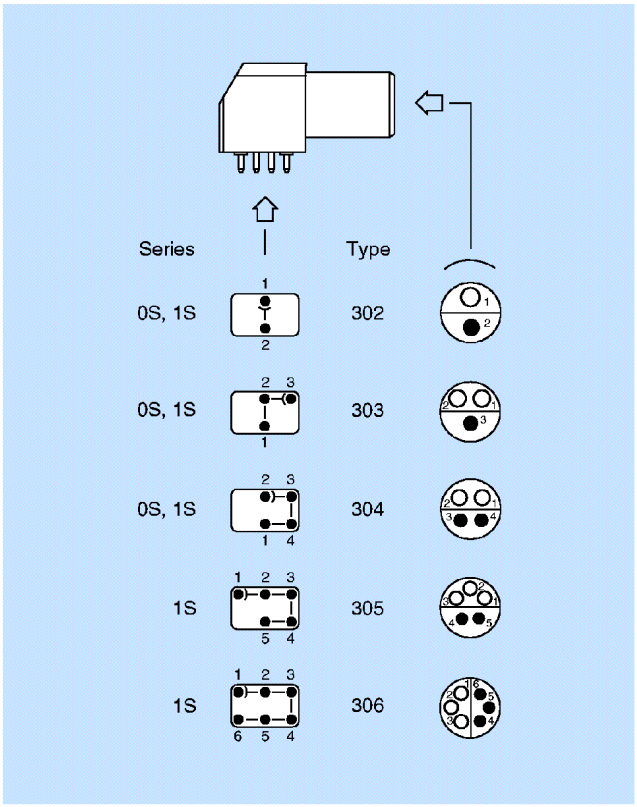


Elbow (90°) receptacles for printed circuit

These receptacle models are fixed onto the printed circuit either by soldering the corner pins or with four screws (M1.6) replacing the pins.
EXP receptacles are two nut fixing and are recommended in cases where a flexible printed circuit is used.

Technical Characteristics

Types



Materials and Treatment

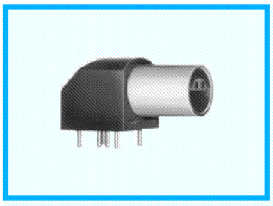
Component	Material	Surface Treat. (µm)		
		Cu	Ni	Au
Housing	PPS 1)	–		
	Brass	0.5	3	–
Metallic parts	Brass	0.5	3	–
Grounding crown	Bronze	0.5	3	–
Insulator	PEEK	–		
Female contact	Bronze	0.5	3	1.5

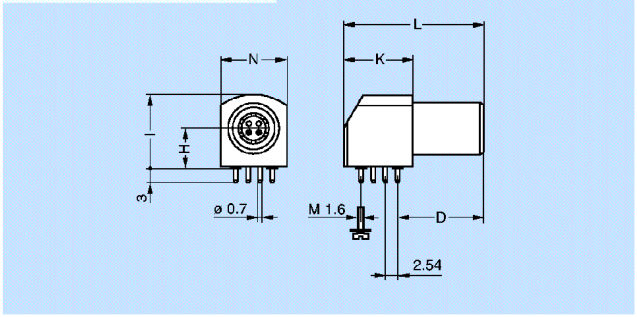
Note: 1) Not used for all sizes.
The surface treatment standards are as follows:
Nickel FS QQ-N-290A;
Gold ISO 4523.

Electrical

Model	Series	Types	Test voltage (kV rms)1)	Rated current (A)
EPL	0S	302-303-304	1.20	4.5
EXP	0S			
EPL	1S			
EXP	1S			
EPL	1S	305-306	0.70	4.5
EXP	1S			

Note:
1) See calculation method, caution and suggested standard on page 11.





EPL Elbow (90°) receptacle for printed circuit (solder or screw fixing)

Part Number	Dimensions (mm)							Availability
	A	D	H	I	K	L	N	
EPL.0S.302.HLN	9	14.5	6.9	12.7	13.2	25	11.6	○
EPL.0S.303.HLN								○
EPL.0S.304.HLN								●
EPL.1S.302.HLN	11	16.5	7.7	14.0	13.2	27	12.6	○
EPL.1S.303.HLN								○
EPL.1S.304.HLN								○
EPL.1S.305.HLN								○
EPL.1S.306.HLN								○

Note: To replace the 4 ground pins by 4 screws (M1.6) add an «S» to the end of the part number. (e.g.: EPL.1S.303.HLNS)

PCB drilling pattern: P22

● Standard, typically 0-6 weeks delivery for quantities of 250 or less.
○ Non-standard product, contact LEMO USA, typically 6-12 weeks delivery for quantities of 250 or less.
Non-standard product is defined as any product which contains one or more components which are not standard.