

# fischer *disposable* connectors



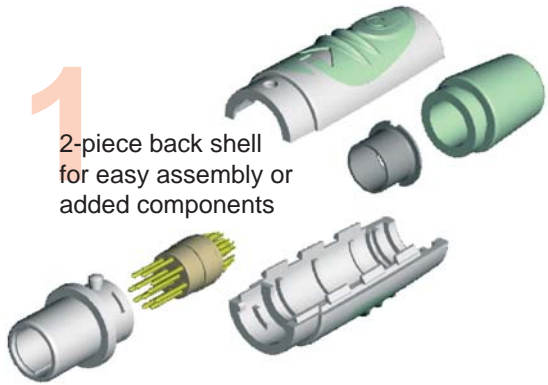
# Low High Cost Performance

## fischer L.U.C.™

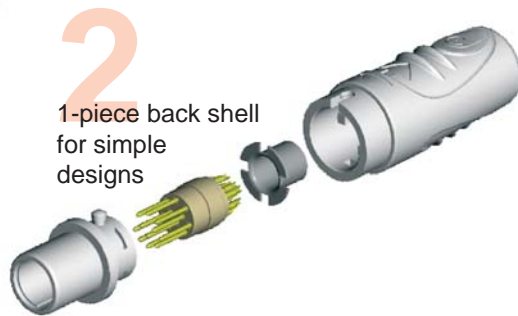
- Limited Use Connector, ideal for disposable applications
- Meets applicable medical standards
- Sterilizable by EtO and gamma
- Modular connector system, suited for a variety of configurations
- Matable with standard fischer high performance receptacles



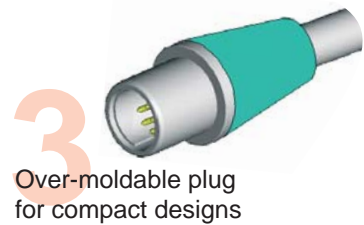
### 4 basic configurations



1  
2-piece back shell  
for easy assembly or  
added components



2  
1-piece back shell  
for simple  
designs



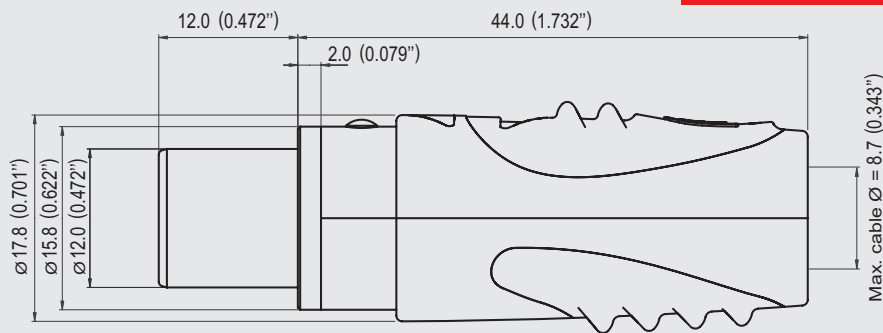
3  
Over-moldable plug  
for compact designs



4  
Snap-in plug  
for direct mount

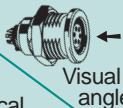












- Low cost, ideal for disposable applications.
- Mateable with all cable or panel receptacles from the standard Fischer Connectors 104 Series.
- Suitable for EtO or gamma sterilization.
- Suitable for IEC 60601 applications.

### Dimensions



Dimensions shown are in millimeters (inches)

### Contact configurations (104 series)

		A051	A040	A037	A087	A053	A065	A054	A066	A055	A056	A086	A092
Electrical Specifications													
Number of contacts		2	3	4	4 <sup>2</sup> <sub>2</sub>	5	6	7	8	9 <sup>1</sup> <sub>8</sub>	11	16	19
Contact Diameter A [mm]		1.6	1.6	1.3	2.3 0.9	1.3	0.9	0.9	0.9	1.3 0.9	0.9	0.7	0.7
Wire Barrel Diameter B [mm]		1.8	1.8	1.2	2.4 0.8	1.2	0.8	0.8	0.8	1.2 0.8	0.8	0.6	0.6
Insulating Material		PBT	PBT	PBT	PBT	PBT	PBT	PBT	PBT	PBT	PBT	PBT	PBT
Solder Contacts		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Crimp Contacts		✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	✓
Test Voltage [kV] in mated position	Contact to Receptacle Body (AC rms)	1.8	1.6	1.8	1.5 2.0	1.4	1.7	1.5	1.5	2.4 1.4	1.4	1.0	0.8
	Contact to Contact (AC rms)	2.2	2.0	2.2	1.6	1.7	2.0	1.8 2.1	1.5	2.2 1.5	1.5	1.5	1.2
	Contact to Receptacle Body (DC)	2.8	2.6	2.5	2.2 2.8	2.4	2.4	2.2	2.5	3.8 2.0	2.1	1.6	1.2
	Contact to Contact (DC)	3.2	3.0	3.0	2.5	2.7	2.6	2.0 2.8	2.5	3.6 2.4	2.2	2.2	1.8

Contact us for more information!

A037, A066 and A086 are standard configurations, others available on request