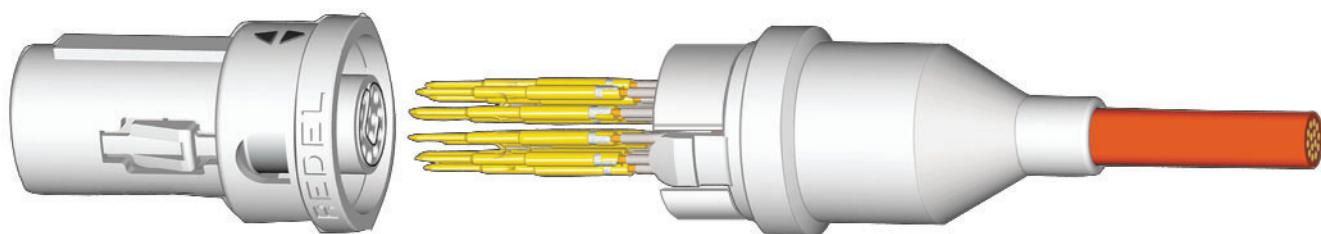




LEMO's Plastic Disposable Plug ●

REDEL 1P Series
for Medical Applications



● Disposable Plug

- Simplified latching mechanism and new stamped, solder type, snap-in contacts deliver an innovative cost-effective solution
- Removable snap-on backshell allows quick correction of assembly errors
- 100% Scoop proof - mate with confidence
- Backwards compatible with REDEL receptacles - guaranteed
- Available in blister pack, or bulk shipment

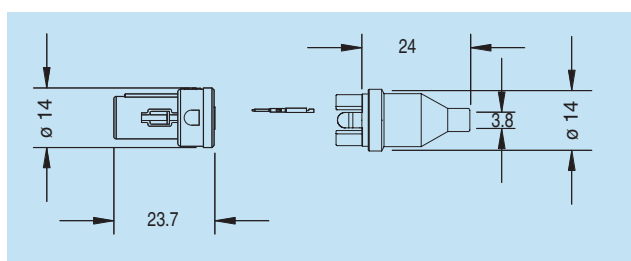


LEMO®

LEMO's REDEL 1P Series disposable plug ensures quality performance in medical applications, yet are economical enough to justify single-use. A perfect design, with backwards compatible mating to existing REDEL 1P connectors – guaranteed. Ideal for a wide range of medical devices, the REDEL Disposable Connectors are EtO, and gamma radiation sterilizable.

Features of LEMO's REDEL 1P Series disposable plug

- 100% Scoop Proof
- EtO and gamma radiation sterilizable
- Four keying configurations available
- Cost effective solution
- 9, 10 and 14 pin configurations
- Up to 3A / 400V-dc
- Accomodates wire sizes up through 24 AWG
- ABS plastic shell (White standard)



PJG Straight disposable plug, key (G) or keys (A, B and C)

Disposable plug part # ²⁾	Avail.	Standard mating ¹⁾ fixed receptacle part #	Avail.
PJG.M0.9AA.AT38B	●	PKG.M0.9SL.L●	●
PJG.M1.0AA.AT38B	●	PKG.M1.0SL.L●	●
PJG.M1.4AA.AT38B	●	PKG.M1.4SL.L●	●

Note: ¹⁾Model PKG shown as reference. Other compatible receptacle models include PLG, PRG, PTG, and PMG.

²⁾Bold character (G) refers to keying. Bold character (B) refers to color. See tables below.

Technical Characteristics for 1P Series Connectors

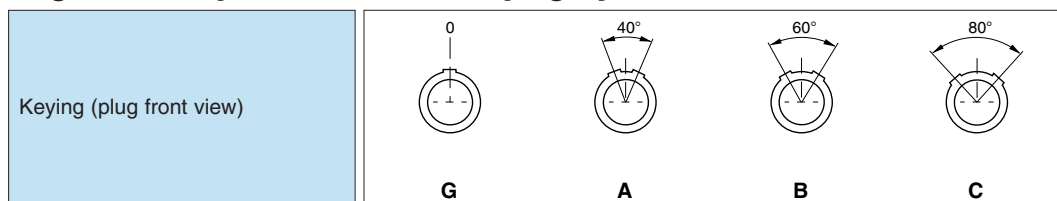
Characteristics	Value	Standards
Average insertion force	7N	IEC 60512-7 Test 13a
Average withdrawal force	14N	IEC 60512-7 Test 13a
Endurance	≤5 mating cycles	–
Working temperature range (ABS shell)	-30°C/+90°C	IEC 60068-1
Sterilization method	EtO or Gamma	–

Electrical Characteristics	Value	Standards	Contact Characteristics	Value
Test Voltage-dc	1200 ¹⁾ / 900 ²⁾ max	IEC 60512-2 Test 4a	Solder Bucket (diam)	0.7 mm
Test Voltage-ac, rms	850 ¹⁾ / 600 ²⁾ max	IEC 60512-2 Test 4a	AWG max.	24
Rated Current	3 ¹⁾ / 2 ²⁾ A	IEC 60512-3 Test 5a	Contact Material	CuBe
Contact Resistance	≤10 m ohms	IEC 60512-2 Test 5a	Contact Plating	Cu/Ni/Au (Au .25µm)
Insulation Resistance	>10 ¹² ohms	IEC 60512-2 Test 3a	Solder Cup Plating	Sn-Pb 3-10 µm

Note: 1) 9 and 10 pin models

2) 14 pin models

Alignment Key and Polarized Keying System



Note: Key (G) is standard. Keys (A,B and C) available upon request.

Color Table

Ref.	Colors
B	white
G	gray

Note: White color (B) is standard. Gray color (G) available upon request. Custom colors available upon request.

Contact LEMO USA for price and availability.

Data subject to change.