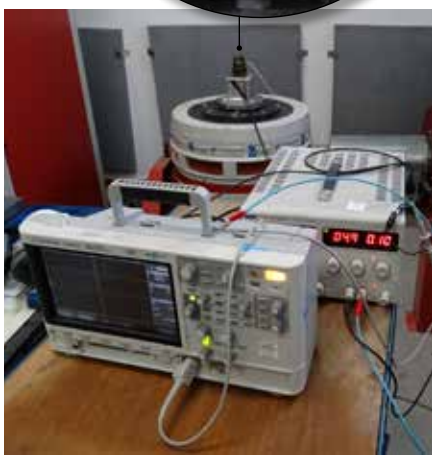
MECHANICAL / DYNAMIC TESTING / LEAKAGE

VIBRATION - SINUSOIDAL	APPLICABLE STANDARD
Freq. Range: 5 to 2000 Hz Peak thrust: 8,90kN (30G max. up to 5Kg.sample) Max pk/pk displacement: 50mm Ambient temperature	ISO/IEC 17025 Accreditated test: BS EN / IEC CEI EN 60068-2-6
	Standard which we are specialist: EIA-364-28; VG95351; VG96934; VG95319-2; MIL-DTL-26482; AFNOR NF F 61-030
VIBRATION - RANDOM	**APPLICABLE STANDARD**
Freq. Range: 5 to 2000 Hz Peak thrust: 5,76kN (25G max. up to 5Kg.sample) Max pk/pk displacement: 50mm	ISO/IEC 17025 Accreditated test: BS EN / IEC CEI EN 60068-2-64
	Standard which we are specialist: EIA-364-28; VG95234; VG95328; VG96929; VG95319-2; MIL-DTL-26482; EN 61373; AFNOR NF F 61-030
SHOCK - BUMP	**APPLICABLE STANDARD**
(Half sine, Sawtooth, andTrapezoidal waveforms) Peak thrust: 17,36kN (100G max. up to 5Kg.sample) Max pk/pk displacement: 50mm	ISO/IEC 17025 Accreditated test: BS EN / IEC CEI EN 60068-2-27 ; BS EN / IEC CEI EN 60068-2-29
	Standard which we are specialist: EIA-364-27; VG95234; VG95328; VG96929; VG95351; VG96934; VG95319-2; CEI EN 61373; MIL-DTL-26482
DISCONTINUITY MEASUREMENT DURING VIBRATION	**APPLICABLE STANDARD**
Measurement of electrical discontinuity (up to 0,1µs) or fiber optic insertion loss	Standard which we are specialist: EIA-364-28
AXIAL FORCE (compression and tensile)	**APPLICABLE STANDARD**
Force: 0,05 N to 10KN	Standard which we are specialist: EIA-364-05; EIA-364-24; EIA-364-35; EIA-364-25; EIA-364-29; VG95328; VG96929; VG95319-2; VG95234; MIL-DTL-26482; MIL-DTL-38999; MIL-DTL-26482; MIL-DTL-38999; AFNOR NF 61-030
Example - Insert test: Contact Retention; Contact insertion and removal forces; Maintenance aging; Insert Retention; Gage location and retention; Insertion and removal tool abuse; Installing/removal tool abuse; Probe Damage; Insert bond strength; Insert grommet bonding; Retention of the insulation in the casing;	
Example -Contact & crimp test: Contact engaging and separating forces; Withdrawal force of the individual contact; Tensile Strength: Crimp tensile strength; Pull Out force; Tensile force	SAE AS39029; EIA-364-29; MIL-DTL-26482; VG95328; VG96929; VG95319-2; VG95234; EIA-364-08.
Example - External bending moment - Crush	MIL-DTL-26482; AS95234; SAE AS5015; MIL-DTL-38999
TORQUE FORCE	**APPLICABLE STANDARD**
Force: 0,1 Nm to 100 Nm	Standard which we are specialist: EIA-364-13; EIA-364-114; MIL-DTL-26482; MIL-DTL-38999; VG95328; VG96929; VG95351; VG96934; VG95319-2; VG95234; AFNOR NF F 61-030
Example: Mating - Un-mating force ; Coupling and uncoupling torque	
RELEASE MECHANISM MACHINE	**APPLICABLE STANDARD**
Acceleration: 3m/s2	Standard which we are specialist: MIL-DTL-38999/31
Lanyard: Pull-separation; Fail-safe disengagement	
LEAKAGE TEST	**APPLICABLE STANDARD**
Watertightness (up to 50BAR)	Standard which we are specialist: VG95234; VG95328; VG96929; VG95351; VG96934; VG95319-2; IEC 60068-2-17; EN 60529 IPX7-IPX8; MIL-DTL-26482
Oil Leakage (up to Up to 150 Bar)	
Air Leakage (up to 4 Bar)	Standard which we are specialist: EIA-364-02; VG95328; MIL-DTL-26482 ; DIN EN 60068-2-17 Qa
Helium leakage	Standard which we are specialist: MIL-STD-202 TEST METHOD 112; IEC60068-2-17 QK
MISCELLANOUS	
Visual & Dimensional evaluation - Crimp: Examination on wired samples - durability - Impact - Marking Test - Solderability	

Controlled vibration and shock testing ensures electrical and electronic components can withstand specified forms of dynamic stress encountered during operation and shipping.

Available Tests:

- **Vibration sine**
- **Vibration random**
- **Bump**
- **Shock**



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