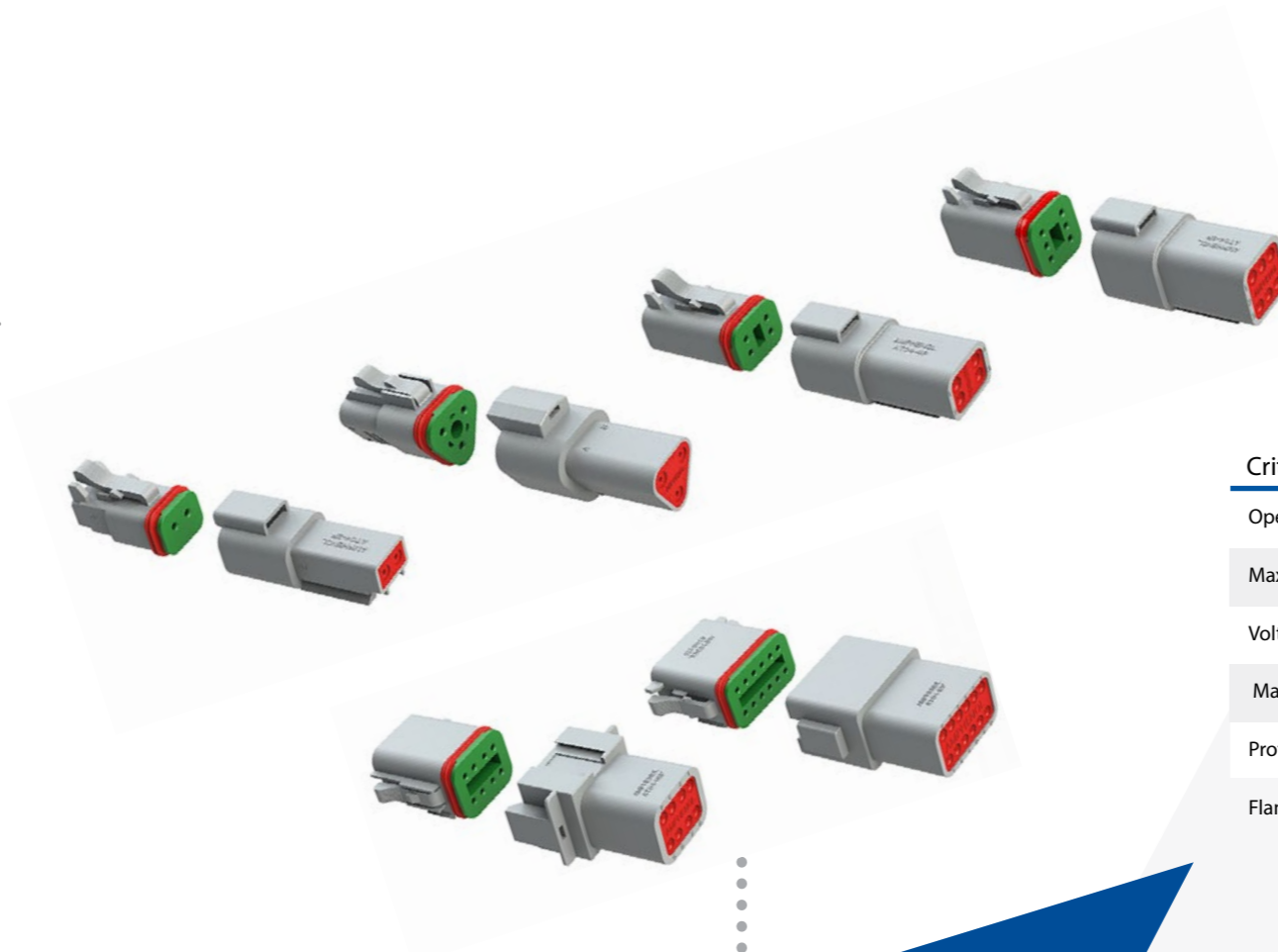


# AT SERIES - VALIDATION ACCORDING TO SAE J2030

Our AT Series™ Connectors were tested according SAE J2030 Standard. This Standard describes the requirements and test procedures for electrical connectors in vehicles. Especially for our Industrial Transportation applications this Standard ensure that electrical connections are reliable and durable in harsh environmental conditions.

Test Parameters	Test Description	Test Result
SAE J2030 6.1	Examination of Product	Passed
SAE J2030 6.3	Insulation Resistance	Passed
SAE J2030 6.4	Connection Resistance	Passed
SAE J2030 6.5	Pressure Washing	Passed
SAE J2030 6.7	Temperature Life	Passed
SAE J2030 6.8	Ultraviolet Effects	Passed
SAE J2030 6.9	Mating Forces	Passed
SAE J2030 6.10	Unmating Forces	Passed
SAE J2030 6.11	Durability	Passed
SAE J2030 6.12	Salt Fog	Passed
SAE J2030 6.13	Thermal Shock	Passed
SAE J2030 6.14	Fluid Immersion	Passed
SAE J2030 6.15	Vibration	Passed
SAE J2030 6.16	Shock	Passed
SAE J2030 6.17	Drop Test	Passed
SAE J2030 6.18	Terminal Retention	Passed
SAE J2030 6.19	Water Immersion	Passed
SAE J2030 6.22	Current Test	Passed
SAE J2030 6.23	Dust Test	Passed
SAE J2030 6.24	Temperature / Humidity	Passed
SAE J2030 6.25	Current Cycling	Passed
SAE J2030 6.26	Terminal Crimp Strength	Passed
SAE J2030 6.27	Visual Examination	Passed



Criteria	AT Series
Operating Temperature	-55 °C to +125 °C
Max Current Rating (Amperage)	13 A
Voltage Rating	Tested for 48 V DC
Mating Cycles	> 100
Protection Rating	IP68 and IP69K (in mated conditions)
Flammability Rating	UL94 V0



Contact us for product related information:  
+49 7131 929 0  
industrial@amphenol.de

Please note that we can offer all cable connectors as cable assemblies according your specific requirements

- With all typical cables known to the market. We are pleased to share suggestions.
- Specific B-side, also non-Amphenol content.
- Splitters – also overmoulded.
- Typical accessories like clips, tape, conduits, etc.

