- Name and address of supplier: Amphenol Air LB
2, rue Clément Ader
ZAC de WE
08 110 CARIGNAN France

- Description of product: 1900 SIM connectors' shells in composite material without plating.

- Part number:
1900 SIM plug without plating: 1900SIM 2S30 OXXX;
1900 SIM standard receptacle without plating: 1900SIM 2S32 OXXX;
1900 SIM flanged receptacle without plating: 1900SIM 2S34 OXXX.

- Specification number: NF F 61-030

- Overall dimensions, interfaces, connections (electrical, hydraulic, etc.), installation information in drawing:
According to 1900 SIM connectors catalogue

- Compliance statement related to the specification (including any limitations on use):

The qualification is equivalent to NF F 61-030

- Inspection and maintenance instruction reference: As specified in Amphenol Air LB quality manual

- Qualification test report reference: QTR 13-019 issue.ø.

See following table for the main performances:

Constitution	
Shell material	Thermoplastic
Shell plating material	Not concerned
Insulation material	Not concerned
Contact material	Not concerned
Contact plating material	Not concerned

Mechanical performances		
Description	**Data**	**Units**
Insert retention in housing (minimum)	25.4	daN
Contact retention in insert (minimum)	Not concerned	daN
Mechanical endurance	500	Cycles
Vibrations (type)	Random	Not applicable
Vibrations (maximum frequency)	250	Hz
Vibrations (amplitude)	0.5	g
Vibrations (duration)	0.5	hours
Shocks (type)	Sinusoidal	Not applicable
Shocks (amplitude)	30	g
Shocks (duration)	18	ms
Resonant frequency minimum	Not concerned	Hz
Static loads (minimum)	5	daN

Climatic performances		
Description	**Data**	**Units**
Maximum temperature of use	100	°C
Minimum temperature of use	-40	°C
Salt mist resistance	96	hours
Resistance to fluids	Gas oil / Mineral oil / Hydrochloric Acid / Sodium hydroxide	Not applicable
Interfacial sealing	Not concerned	mb
Air leakage	Not concerned	cm^3/hour
Immersion at low air pressure	Not concerned	mb
IP indice	69 K	Not applicable

Electrical performances		
Description	**Data**	**Units**
Insulation resistance	Not concerned	MΩ
Voltage proof test	Not concerned	V
Maximum intensity	Not concerned	A
Contact resistance	Not concerned	mΩ
Shell electrical continuity	Not concerned	mΩ

Optical performances		
Description	**Data**	**Units**
Insertion loss	Not concerned	dB
Return loss	Not concerned	dB

Fire behaviour	
In compliance with standard	NF F 16-101 / NF F 16-102

I hereby declare on behalf of the supplier that the information contained in this declaration of design and performance (DDP) is correct.

Date: 09/21/2020 Sign:

Company: Amphenol Air LB

Position held: Engineering Manager Name: Jerome CHEVALIER

Date: 09/21/2020 Sign:

Company: Amphenol Air LB

Position held: Quality Director Name: Vincent BEYRIES