ESCC/RP/QPL005



6.10 <u>RESISTORS (10)</u>

6.10.1 <u>Shunts</u>

RESISTORS, FIXED, CHIP, METAL FOIL, BASED ON TYPES SMP-PW, SMS-PW, SMT-PW and SMV-PW.				285F
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic		Qualification	DLR	Nov 2008
ESCC 4001	ISABELLENHÜTTE			
Detail ESCC	HEUSLER GmbH & Co. KG	Remarks		
4001/027 4001/028	Dillenburg Germany			

## Qualified range:

ESCC 4001/027 variants 01, 02, 03, 04, 05, 06 are qualified (SMP-PW, SMS-PW, SMT-PW) ESCC 4001028 variant 02 is qualified (SMV-PW)

Tolerance (% ) =  $\pm 1$ 

Operating Temperature Range (°C): -55 to +170



## European Space Agency Agence spatiale européenne

## Certificate of Qualification No. 285G

This is to certify that ISABELLENHÜTTE HEUSLER GmbH & Co. KG, Germany has been qualified by ESA for the supply of Resistors, Fixed, Chip, Metal Foil, Based on Types SMP-PW, SMS-PW, SMT-PW and SMV-PW for use in ESA space programmes, according to ESCC Generic Specification 4001 and associated Detail Specifications 4001/027 and 4001/028 as recommended by the Space Components Steering Board.

This certificate is valid until July 2024.

Gib Ol

Head of the Product Assurance and Safety Department

Date
30 December 2022