QA (Quality Assurance) at Eravant involves following proper document compliance procedures. Items are built by manufacturing using Work Orders. These work orders are kept as "soft" folders in our server containing crucial information regarding the component built on the work order. These server folders must contain several documents in order to be considered passing.

Eravant products are split into "series" which comes from the first 3 letters of a part number. For example, SCT-KFKF-UB is part of the "SCT" series. These series help us further break down part numbers into different categories.

The "active" and "diode" line are listed below.

Active Line

SBL	SBP	SBB
SFA	SSR	SST
SSC	STB	

Diode Line

SFB	SFD	SFH	SFP	SFS
SFU	SFV	SKA	SKD	SK8
SKS	SOL	SOM	SSM	SSP
SSS	STD	STE	STG	STH
STZ				

Any part series not listed in the above are considered "passive."

There may be even further distinctions. For QA, passive can either require or not require test data. Parts that require testing can be found on this list.

https://sftp.eravant.com/content/resources/Parts-Testing.pdf

There is a third set of series considered "PL"

PL items have a further requirement of needing an excel table.

A sample list of PL items can be found below:

SBB

SBP

SCT

SCF

SNF

SNC

SAR

SAC

Work order folders for Active and Passive (test data required) products must contain the following: Photos of the parts, Test Data for the parts, Label File for the parts

Work order folders for Passive (test data not required) only need Photos of the parts and the Label File for the parts.

Work order folders for PL items need Photos of the parts, Test data for the parts, Label File for the parts, and an Excel Table for serial numbers.