

Customer Information



Details of part

Part Number	ABAC/QPL Part numbers	Issue Level	All
Product Type	ABAC/D38999		
Description	ABAC/D38999 series 3 class W		
Customer	Distributer	Originator	

Details of Information

Due to a temporary process issue the AB Connector ABAC Connector Range is de-rated to 130 degrees centigrade until June 2013:-

All other aspects of Connector as per MIL-DTL-38999 Specification.

QPL D38999 is anticipated to be available June 2013.

Section 1

Date: 25 September 2012

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To whom it may concern,

Subject: Notification of D38999 test anomalies

Ref. GIDEP VV-A-12-03

Specification MIL-DTL-38999 Paragraph 3.14.2: Insulation Resistance at Elevated Temperature
Test Methods 4.15.10.2: Test specification for Insulation resistance EIA-364-21
Test Requirement: $\geq 1\text{GOhm}$ at 175 Degree C

AB Connectors Ltd has provisionally identified a reduction in Insulation Resistance below specified test limits at temperatures of 140 Degree C and above during 24 monthly periodic testing of its MIL-DTL-38999 Series III product line. As temperatures reduce from 140 Degree C, the insulation Resistance increases to above specified limits.

The connectors meet the following limits:

Connector Insulation Resistance 1GOhm @ 130 degrees C (de-rated from 1GOhm @ 175 degrees)
Connector Insulation Resistance 500MOhm @ 150 degrees C (de-rated as above)

Where the standard specifies:

MIL-DTL-38999 = Connector Insulation Resistance 1GOhm @ 175 degrees

All other aspects of the connectors are as per MIL-DTL-38999 specification.

This results in a non-catastrophic reduction of performance that recovers with a reduction in operating temperature.

There have been no reported field failures to date

If necessary customers purchasing via Distribution should report if this could apply to their application. Responses will be evaluated on a case by case base with support from local TT electronics representative

This supersedes any other prior notification

Yours sincerely,

TT Electronics - AB Connectors