

Engineering Department

Engineering Change Order (ECO)

ECO #: PN4-003-003

Effective Date: October 3, 2017

Title: Vendor P/N correction for filter used in improving video quality on PRO4 ROV systems

Author: GD

Date: October 3, 2017

Engineering Approval: aeg

Date: October 3, 2017

Operations Approval: aeg

Date: October 3, 2017

Summary:

Vendor P/N correction is needed for the filter used in ECO PN4-003-002 for improving video quality on PRO4 ROV system originally published on August 01, 2017

Parts Affected:

Part Number	Notes	Removed	Added	New	Modified
PN4-003	PRO4 Panel Power Supply PCB	☐	☐	☐	☒

Detail:

The video quality improving filter specified on ECO PN-003-002 published on August 01, 2017 needs a correction as the vendor P/N doesn't match the part description (33nF/200V). Instead the vendor P/N used in the old ECO matches a 33pF/200V capacitor which is an error. This ECO (PN4-003-003) is meant to correct the vendor part number matching the recommended capacitor (33nF/200V). The correct specifications are as follows:

Vendor (DigiKey) P/N: 399-4406-ND

Manufacturer (KEMET) P/N: C330C333K2R5TA

Part Description: Ceramic Capacitor 0.033uF, 200V, X7R Radial (note: 0.033uF is same as 33nF)



Action Item:

Action	Department	Acknowledgement Initials
Update VR PN: 52367 with correct vendor part number	Engineering	GD
Update PPI and follow through with the correction	QA	DO
Implement this change on all new Pro4 ICB Panels (from PPI) already received at VR	Production	KK
Verify this change on all Pro4 panels (current and future) in repairs	Production	KK

Modified / Referenced Documents:

Document	Current Revision
ECO-PN4-003-002	Click here to enter text.

-- END OF ORDER --