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REVISION DETAILS:

Revision 0A:  
- Production Release

TOP VIEW

J3 - SFP MODULE SOCKET

Insert a standard video SFP module into J3 to add either coax or fiber optic SMPTE output.

J1 - FLEXLINK CAMERA CONNECTION

Connect the Ethernet bulkhead to the FleXlink media converter here using a standard CAT6 rated RJ45 Ethernet jack.

J2 - HOST SYSTEM CONNECTION

Molex Micro-Fit 3.0 6-position connector for input power, camera control inputs, and auxiliary analog video output signals.

BOTTOM VIEW

SW1 - MSA / NON-MSA SFP SELECTION SWITCH

Most video SFP modules conform to the standard SFP Multi Source Agreement (MSA) for pinout and pin function, however there is a subset that use non-MSA conforming pinouts (namely some emSFP modules). This switch indicates to the FleXlink Media Converter which type of SFP is installed. This switch must be set appropriately in order to operate correctly.

- Position "A": MSA Compliant SFP
- Position "B": NON-MSA SFP

NOTE: The switch position is based on which label, A or B, is visible on the PCB

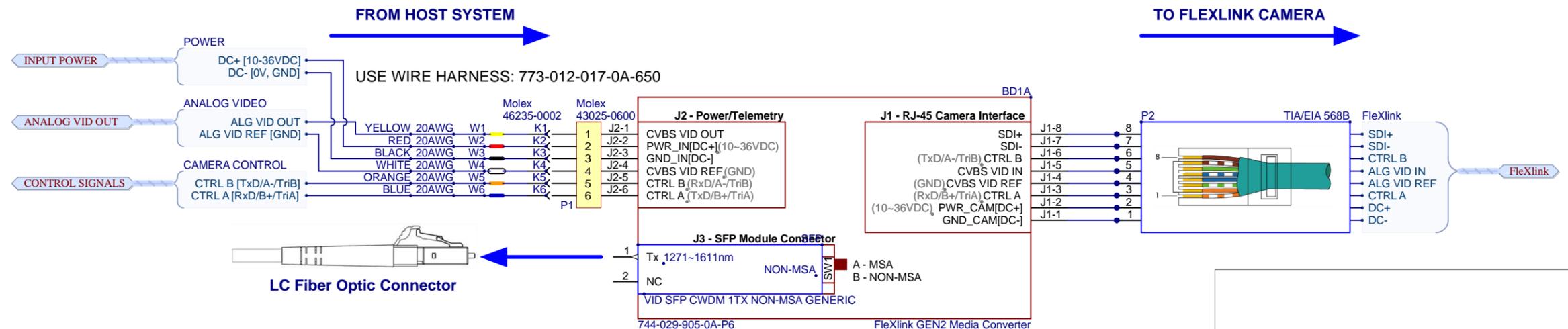
D4 - SDI LED

3-color indicator LED used to indicate SDI signal lock strength and flash system error codes. Multiple error codes can be present at the same time and are flashed in sequence.

- SOLID GREEN: All systems operating normal, SDI signal good
- SOLID YELLOW: All systems operating normal, SDI signal OK
- SOLID RED: All systems operating normal, SDI signal low
- FLASHING RED: System error
  - 1 FLASH: No SFP detected - check SW1 if SFP installed
  - 2 FLASH: No SDI video signal lock

D5 - PWR LED

- GREEN: Power good
- OFF: No power



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REVISION HISTORY					APPROVALS		DATE
DCR	VER/REV	CHANGE DESCRIPTION	APPROVED	DATE	ORIG ENG	A. STEINER	4/20/2017
	A	FLEXLINK RJ45 PINOUT CHANGE FOR UHD			ORIG DWG	A. STEINER	4/20/2017
					CHECK		
					RELEASED		
					LAST UPDATE	A. STEINER	3/23/2022

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