



Table 1. P5 Connector Pinout

P5 Connector Pin	PCB Pad Identifier	Signal Details	Label Color	Label Text
8	E8	Channel 2 AM Output	Lt. RED	Ch2 AM OUT (8)
7	E7	Channel 2 AGC Output	Lt. RED	Ch2 AGC Out (7)
6	E6	Channel 2 I Video Output	Lt. RED	Ch2 IVID (6)
5	E5	Channel 2 Q Video Output	Lt. RED	Ch2 QVID (5)
4	E4	Channel 2 PCM Input	Lt. RED	Ch2 PCM IN (4)
3	E3	Combined I Video Output	VIO	Comb IVID (3)
2	E2	Combined Q Video Output	VIO	Comb QVID (2)
9-15	--	Ground	-	-

Table 2. Assembly BOM

Description	Qty	Manufacturers PN	Manufacturer
Micro-DSub Aluminum Backshell	2	MEC-28M-01-303-02	Lumistar
MDM 15-pin Female Connector	1	CONN-380-015-213L001	NorComp
MDM 15-pin Female Backshell PCB	1	HARM-3428M0124501	Lumistar
UNC2-56 Thumbscrews	2	NTEC-B71014305	Northern Technologies
BNC Female RG174 Pigtail, 12"	7	LCOM-SP7363	LCOM
Heat-shrink Tubing	AR	(Common Stock)	(Various)
0-80 82-Degree Stainless Steel Screw, Flathead, 0.3125 Length	4	(Common Stock)	(Various)

Assembly Notes:

- 1.) Place connector identification label containing "P5" on the key side at this location. On the bottom cover place cable assembly number. You may omit the CBL- portion of the assembly number due to size constraints.
- 2.) Place pigtail identification labels with shown text and colors from Table 1 at the locations shown and cover with clear heat shrink.
- 3.) Remove plastic thumbscrew covers prior to assembly.
- 4.) Table 2 provides assembly component Bill of Materials.

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