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REV	DESCRIPTION	DATE	ENGINEER
C	ECN #10356	6/2/2020	A SHEPARD

Run #	From Insert	From Pin	Signal Description	To Connector	To Pin	Run#	From Insert	From Pin	Signal Description	To (Connector-Pin)
1	2	2	CEC	HDMI	13	17	2	1	TMDS_SHIELD	HDMI-2, HDMI-5, HDMI-8, HDMI-11, HDMI-17
2	2	6	TMDS DATA2_P	HDMI	1	18	2	3	TMDS_SHIELD	
3	2	7	TMDS DATA2_N	HDMI	3	19	2	4	TMDS_SHIELD	
4	3	2	SCL_SDA_N	HDMI	16	20	2	5	TMDS_SHIELD	
5	3	3	SCL_SDA_P	HDMI	15	21	2	8	TMDS_SHIELD	
6	3	6	TMDS DATA1_P	HDMI	4	22	3	1	TMDS_SHIELD	
7	3	7	TMDS DATA1_N	HDMI	6	23	3	4	TMDS_SHIELD	
8	4	2	+5V	HDMI	18	24	3	5	TMDS_SHIELD	
9	4	6	TMDS DATA0_P	HDMI	7	25	3	8	TMDS_SHIELD	
10	4	7	TMDS DATA0_N	HDMI	9	26	4	1	TMDS_SHIELD	
11	5	2	HDMI ENET_N	HDMI	19	27	4	3	TMDS_SHIELD	
12	5	3	HDMI ENET_P	HDMI	14	28	4	4	TMDS_SHIELD	
13	5	6	TMDS CLOCK_P	HDMI	10	29	4	5	TMDS_SHIELD	
14	5	7	TMDS CLOCK_N	HDMI	12	30	4	8	TMDS_SHIELD	
15	HDMI	Shell	Shield	R1	1	31	5	1	TMDS_SHIELD	
16	HDMI	Shell	Shield	C1	1	32	5	4	TMDS_SHIELD	
						33	5	5	TMDS_SHIELD	
						34	5	8	TMDS_SHIELD	
						35	R1	2	TMDS_SHIELD	
						36	C1	2	TMDS_SHIELD	

7. MATES WITH PCB ADAPTER PART NUMBER 510170113 OR PATCHCORD PART NUMBER 7-142712693-XXX.
6. PCB DESIGNED TO BE LOADED ON THE RIGHT WHEN VIEWED FROM THE VPC ITA MATING FACE.
5. ASSEMBLY RETAINED IN MODULE BY RETENTION INSERT, P/N 610151105, ONLY. 2 EXTRACTION TOOL REQUIRED FOR REMOVAL.
4. PCB ASSEMBLY COMES WITH PASS THROUGH INSERT, P/N 610151103, ASSEMBLED ONTO RIGHT ANGLE INSERT P/N 610151104.
3. PCB ASSEMBLY REQUIRES 6 EMPTY VTAC MODULE POSITIONS.
2. MATERIALS:
PCB:
PCB = R4003 W/PSR4000BN SOLDERMASK
PCB PADS = GOLD IMMERSION
VTAC INSERTS:
VTAC CONTACT = ALLOY 7025
OUTER SHELL = BLUE/BLACK LCP
HDMI FEMALE:
HOUSING = GLASS FILLED THERMOPLASTIC
CONTACT = COPPER ALLOY
SHELL = COPPER ALLOY
1. FOR APPLICATION USE AND CARE INFORMATION CONSULT VPC USERS GUIDE @ WWW.VPC.COM
- NOTES:

CUSTOMER DRAWING



PCB ADAPTER
VTAC ITA TO HDMI

RELATIVE CONNECTOR POSITIONS AND WIRE ROUTING ARE GENERIC AND MAY VARY WITH PINOUT

DIMENSIONS ARE SHOWN AS:
[MILLIMETERS]
INCHES

DWG.NO.	510171113	REV	C
SCALE	3:2	CAGE CODE	18117
		SHEET	1 OF 1