



(A).Wire Pin Assignment and Wire Description.

| CN.1  | Signal Assignment          | CN.2  | WIRE   | MYLAR COLOR |
|-------|----------------------------|-------|--------|-------------|
| 1     | TMDS DaTa2+                | 1     | WHITE  | Transparent |
| 2     | TMDS DaTa2 Shield          | 2     | DRAIN  |             |
| 3     | TMDS DaTa2-                | 3     | BLUE   |             |
| 4     | TMDS DaTa1+                | 4     | WHITE  | GREEN       |
| 5     | TMDS DaTa1 Shield          | 5     | DRAIN  |             |
| 6     | TMDS DaTa1-                | 6     | BLUE   | RED         |
| 7     | TMDS DaTa0+                | 7     | WHITE  |             |
| 8     | TMDS DaTa0 Shield          | 8     | DRAIN  |             |
| 9     | TMDS DaTa0-                | 9     | BLUE   | ORANGE      |
| 10    | TMDS Clock+                | 10    | WHITE  |             |
| 11    | TMDS Clock Shield          | 11    | DRAIN  |             |
| 12    | TMDS Clock-                | 12    | BLUE   |             |
| 14    | Utility/HEAC+              | 14    | WHITE  |             |
| 17    | DDC/CEC Ground/HEAC Shield | 17    | DRAIN  |             |
| 19    | Hot Plug Detect/HEAC-      | 19    | YELLOW |             |
| 13    | CEC                        | 13    | RED    |             |
| 15    | SCL                        | 15    | PURPLE |             |
| 16    | SDA                        | 16    | BLUE   |             |
| 18    | +5V Power                  | 18    | GREEN  |             |
| SHELL |                            | SHELL | BRAID  |             |

| P/N             | L±(mm)   |
|-----------------|----------|
| HDMI/HDMI24-15A | 15000±70 |

| CABLE MARKING COLOR:WHITE                     |     |   |      |
|---|-----|---|------|
| HIGH SPEED HDMI™ CABLE WITH ETHERNET 24AWG .. |     |   |      |
| Q'TY  | U/M | MATERIALS LIST & SPEC. DESCRIPTION  | ITEM |
| /   | g   | OVER MOLDED:PVC 50P   | ⑦    |
| /   | g   | INNER MOLDED:PP   | ⑥    |
| 2   | PCS | WIRE HOLDER PBT BLACK   | ⑤    |
| 2   | PCS | OUTER CASING: PC BLACK with Laser Etching   | ④    |
| 2   | SET | HDMI SHIELD CASE MATERIAL:Zin ALLOY   | ③    |
| 2   | SET | HDMI A TYPE 19PIN PLUG(GOLD PLATED CONTACTS & SHELL PLATED GOLD 1u")                                | ②    |
| /   | mm  | [(24AWG*2C+MMAEAM)*4P+(26AWG*2C+EAMM)*1P+(30AWG*3C+28AWG*1C)]+AB<br>Al-Braid:65% OD:8.5mm PVC BLACK | ①    |

|  |  |                      |            |                                 |                       |
|--|--|----------------------|------------|---------------------------------|-----------------------|
| THIS DRAWING IS A CONTROLLING DOCUMENT FROM JOHNSON CO., LTD. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION |  | DWN By:              | 2016.07.15 | NAME :<br>High Speed HDMI 24AWG |                       |
| DIMENSIONS: MM   |  | CHK By:              |            | APVD BY:                        | SIZE SHEET: A4 1 of 1 |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ± 1<br>1 PLC ± 0.5<br>2 PLC ± 0.2<br>3 PLC ± 0.05  |  | Customer No.:        |            | DRAWING NO.:                    | REV: A                |
| Product MRP Code :   |  | Arvanics Corporation |            | Customer Part No.:              |                       |

| No. | Revision | Revision Content | Revision Date | Revision BY |
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