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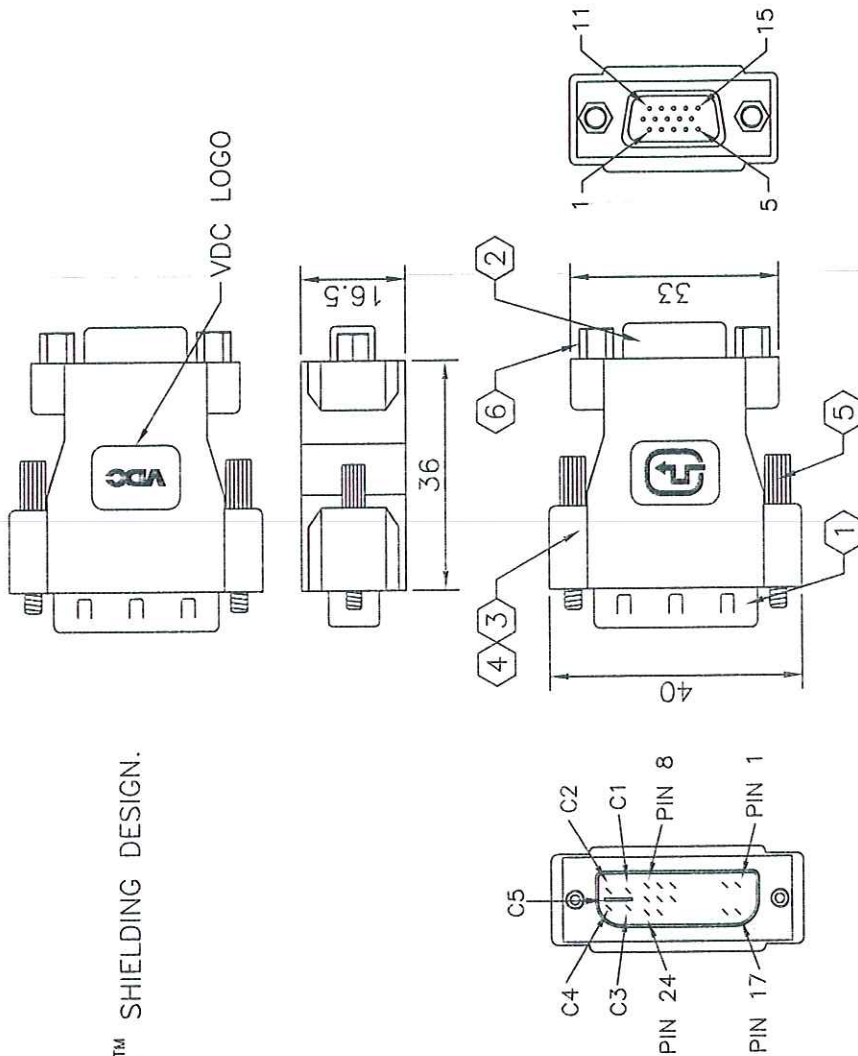


CUSTOMER'S APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_  
FIRST ARTICLE SAMPLE REQUIRED: ☐ YES, ☐ NO.

NOTE:  
1. THIS ITEM CONTAINS PAT. US 6,287,148 B1 RF-BLOK™ SHIELDING DESIGN.  
US D483,373 S

PINOUT CONFIGURATION

| DVI MALE | HD15 FEMALE |
|----------|-------------|
| C1       | 1           |
| C2       | 2           |
| C3       | 3           |
| C4       | 13          |
| C5       | 6           |
|          | 7           |
|          | 8           |
| 14       | 9           |
| 16       |             |
|          | 5           |
|          | 10          |
|          | 12          |
|          | 14          |
|          | 15          |
| SHELL    | SHELL       |
|          | 11          |



UNIT: mm

| ITEM | DESCRIPTION                                  | QTY. | UNIT. |
|------|----------------------------------------------|------|-------|
| 1    | DVI MALE CONNECTOR (12+5)                    | 1    | PCS.  |
| 2    | HD15 FEMALE CONNECTOR                        | 1    | PCS.  |
| 3    | RF-BLOK™                                     | 1    | PCS.  |
| 4    | PANTONE BLUE 072U MOLDED PVC HOOD W/VDC LOGO | 1    | PCS.  |
| 5    | #4/40 METAL T/S                              | 2    | PCS.  |
| 6    | #4/40 HEXNUT                                 | 2    | PCS.  |

|              |           |            |            |
|--------------|-----------|------------|------------|
| Part number: | 104911911 | Revision:  | A          |
| RFQ number:  |           | Drawing #: | 97091602   |
| Drawn by:    | STANLEY   | Scale:     | None       |
| Checked by:  |           | Date:      | 09/16/2008 |
| Sales:       | KATE      |            |            |

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9 STUDEBAKER, IRVINE, CA 92618  
1-800-669-4885

| REV. | DESCRIPTION  | DATE      | REVISED BY |
|------|--------------|-----------|------------|
| A    | CHANGE COLOR | SEP.19.08 | STANLEY    |
|      |              |           |            |
|      |              |           |            |
|      |              |           |            |

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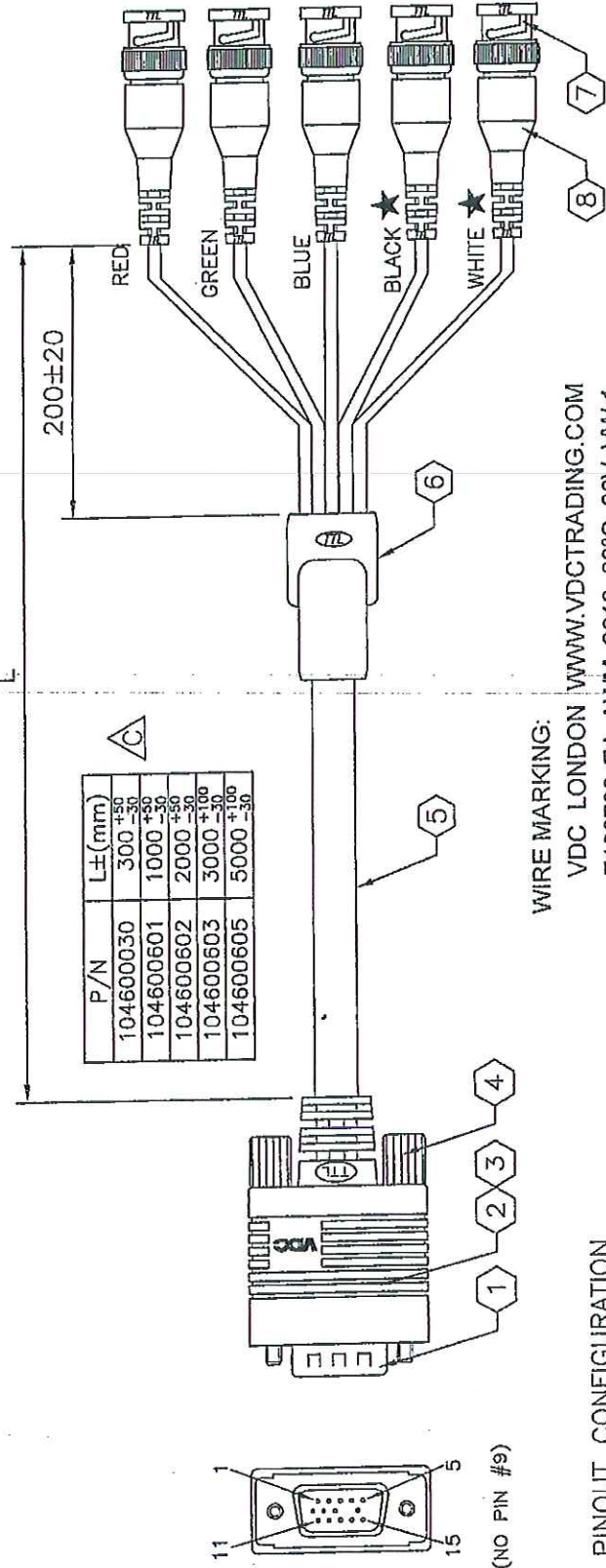
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CUSTOMER'S APPROVAL: \_\_\_\_\_

DATE: \_\_\_\_\_

FIRST ARTICLE SAMPLE REQUIRED: ☐ YES, ☐ NO.



| P/N       | L±(mm)    |
|-----------|-----------|
| 104600030 | 300 ±30   |
| 104600601 | 1000 ±30  |
| 104600602 | 2000 ±30  |
| 104600603 | 3000 ±100 |
| 104600605 | 5000 ±100 |

WIRE MARKING:

VDC LONDON WWW.VDCTRADING.COM  
E193793 9U AWM 2919 80°C 30V VW-1

| HD15/M              | 5 BNC/M |
|---------------------|---------|
| 1 RED CEN.          | 1(C)    |
| 2 GREEN CEN.        | 2(C)    |
| 3 BLUE CEN.         | 3(C)    |
| 13 BLACK CEN.       | 4(C)    |
| 14 WHITE CEN.       | 5(C)    |
| 6 RED SHELL         | 1(S)    |
| 7 GREEN SHELL       | 2(S)    |
| 8 BLUE SHELL        | 3(S)    |
| 4 BLACK/WHITE SHELL | 4(S)    |
| 10                  | 5(S)    |
| 11                  |         |
| SHELL               |         |

PINOUT CONFIGURATION

UNIT: mm

| ITEM | DESCRIPTION                                       | Q'TY | UNIT |
|------|---------------------------------------------------|------|------|
| 1    | HD15 MALE CONNECTOR (NO PIN #9)                   | 1    | PCS. |
| 2    | PANTONE BLUE 072U MOLDED PVC HOOD W/VDC LOGO      | 1    | PCS. |
| 3    | PAT. US 6,287,148 B1 RF-BLOK™ SHIELDING METAL CAN | 1    | PCS. |
| 4    | PANTONE BLUE 072U #4/40 THUMBSCREW                | 2    | PCS. |
| 5    | UL2919 (UL1354 28AWG COAX+AL-FOIL+SPIRAL)x5C      | SEE  | DWG. |
|      | +FILLER+COTTON PAPER;                             |      |      |
|      | PANTONE BLUE 072U PVC JACKET                      |      |      |
| 6    | PANTONE BLUE 072U MOLDED PVC S.R.                 | 1    | PCS. |
| 7    | BNC MALE CONNECTOR                                | 5    | PCS. |
| 8    | PANTONE BLUE 072U MOLDED PVC HOOD                 | 5    | PCS. |

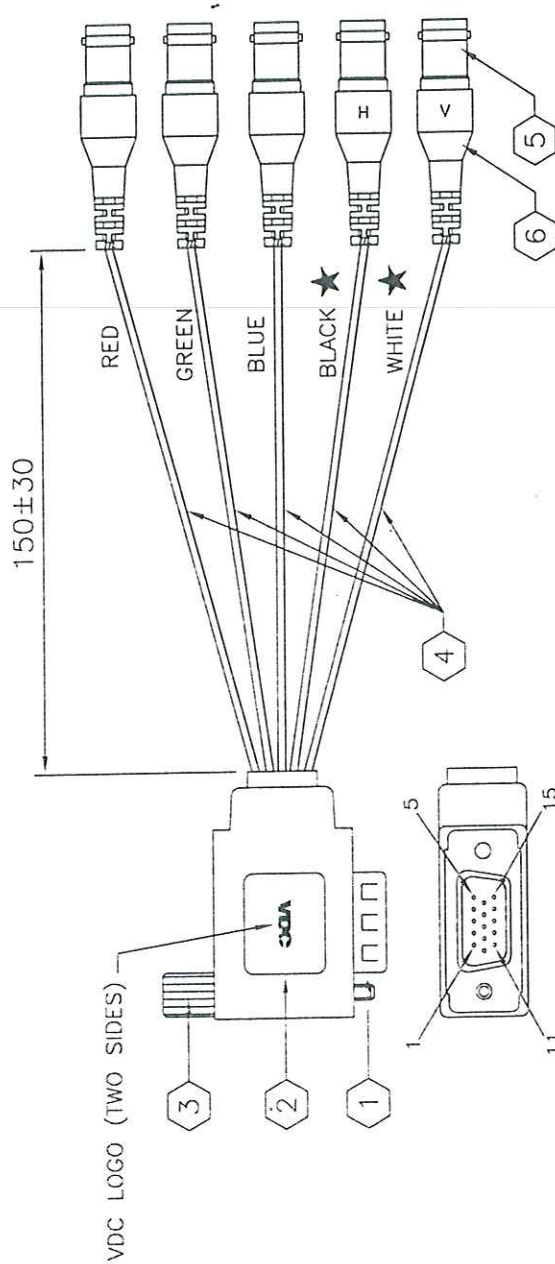
| REV.                                         | DESCRIPTION                   | DATE      | REVISED BY | REVISION           |
|----------------------------------------------|-------------------------------|-----------|------------|--------------------|
| A                                            | REVISE PINOUT CONFIGURATION   | JUL.20.07 | STANLEY    | C                  |
| B                                            | REVISE TOLERANCE              | JUL.31.07 | STANLEY    |                    |
| C                                            | CHNAGE LENGTH 300mm WITH S.R. | JUL.30.08 | STANLEY    |                    |
| Part number: SEE TABLE                       |                               |           |            | Revision: C        |
| RFQ number: 3812                             |                               |           |            | Drawing#: 96070502 |
| Drawn by: STANLEY                            |                               |           |            | Scale: None        |
| Checked by:                                  |                               |           |            | Date: 07/05/2007   |
| SALES: JOAN                                  |                               |           |            |                    |
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| TOTAL TECHNOLOGIES, LTD.                     |                               |           |            |                    |
| 2110 South Anne Street, Santa Ana, CA. 92704 |                               |           |            |                    |
| 1-800-669-4885                               |                               |           |            |                    |

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FIRST ARTICLE SAMPLE REQUIRED: ☐ YES, ☐ NO.

444



HD15/M 5 BNC/F

|   |                   |      |
|---|-------------------|------|
| 1 | RED CEN.          | 1(C) |
| 2 | GREEN CEN.        | 2(C) |
| 3 | BLUE CEN.         | 3(C) |
| 3 | BLACK CEN.        | 4(C) |
| 4 | WHITE CEN.        | 5(C) |
| 6 | RED SHELL         | 1(S) |
| 7 | GREEN SHELL       | 2(S) |
| 8 | BLUE SHELL        | 3(S) |
| 4 | BLACK/WHITE SHELL | 4(S) |
| 0 |                   | 5(S) |

WIRE MARKING:

AWM 1354 80°C 30V 28AWG TOTAL TECHNOLOGIES, LTD.®

UNIT: mm

| ITEM | DESCRIPTION                                        | QTY. | UNIT |
|------|----------------------------------------------------|------|------|
| 1    | HID15 MALE CONNECTOR (NO PIN #9)                   | 1    | PCS. |
| 2    | PANTONE BLUE 072U MOLDED PVC HOOD W/VDC LOGO       | 1    | PCS. |
| 3    | PANTONE BLUE 072U #4/40 THUMBSCREW                 | 1    | PCS. |
| 4    | UL1354 28AWG COAX+AL-FOIL+SPIRAL; COLOR PVC JACKET | SEE  | DWG. |
| 5    | BNC FEMALE CONNECTOR                               | 5    | PCS. |
| 6    | PANTONE BLUE 072U MOLDED PVC HOOD                  | 5    | PCS. |
|      |                                                    |      |      |
|      |                                                    |      |      |
|      |                                                    |      |      |
|      |                                                    |      |      |

|      |             |                 |            |                   |                     |                                                                                                                               |
|------|-------------|-----------------|------------|-------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------|
| REV. | DESCRIPTION | REVISED DETAILS | REVISED BY | Part number:      | Revision:           | <p>© Copyright 08-2007</p> <p><b>TOTAL TECHNOLOGIES, LTD.</b></p> <p>9 Studebaker, Irvine, CA 92618</p> <p>1-800-669-4885</p> |
|      |             |                 |            | 104700015         | ORIG.               |                                                                                                                               |
|      |             |                 |            | Rfq number:       | Drawing #: 96083001 |                                                                                                                               |
|      |             |                 |            | Drawn by: STANLEY | Scale: None         |                                                                                                                               |
|      |             |                 |            | Checked by:       | Date: 08/30/2007    |                                                                                                                               |
|      |             |                 |            |                   |                     | SALES: JOAN                                                                                                                   |

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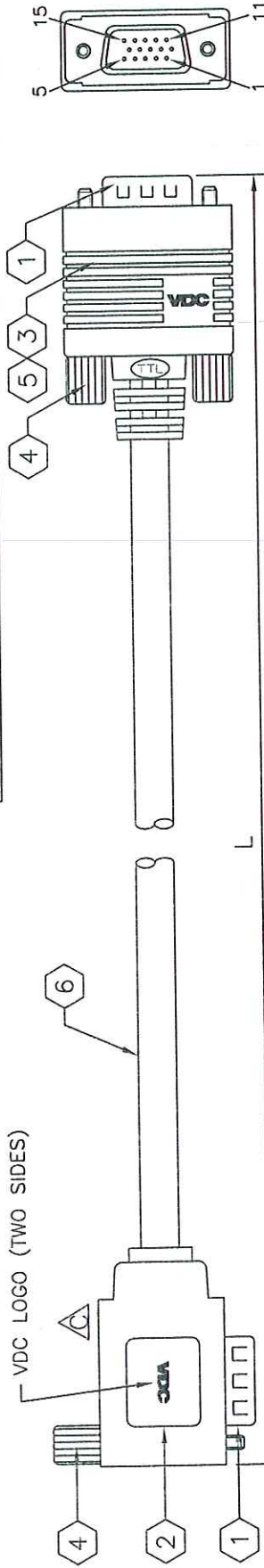
CUSTOMER'S APPROVAL:

DATE:

FIRST ARTICLE SAMPLE REQUIRED: ☐ YES, ☐ NO.



VDC LOGO (TWO SIDES)



PINOUT CONFIGURATION

| HD15 (90°C) |                                     | HD15 MALE    |                                     |
|-------------|-------------------------------------|--------------|-------------------------------------|
| REV.        | DESCRIPTION                         | REVISED DATE | BY                                  |
| A           | REVISE PINOUT                       | JUN.06.07    | STANLEY                             |
| B           | CHANGE WIRE SPEC.                   | JUN.07.07    | STANLEY                             |
| C           | REMOVE ONE SCREW                    | JUL.30.07    | STANLEY                             |
| D           | ADD LENGTH 5M                       | SEP.15.08    | STANLEY                             |
| 1           | Red Video                           | 1            | Red Video                           |
| 2           | Green Video                         | 2            | Green Video                         |
| 3           | Blue Video                          | 3            | Blue Video                          |
| 4           | Ground                              | 4            | Ground                              |
| 5           | Red Ground                          | 5            | Red Ground                          |
| 6           | Green Ground                        | 6            | Green Ground                        |
| 7           | Blue Ground                         | 7            | Blue Ground                         |
| 8           | ±5 VDC                              | 8            | ±5 VDC                              |
| 9           | DDC Serial Data Line                | 9            | DDC Serial Data Line                |
| 10          | Horizontal Sync (or Composite Sync) | 10           | Horizontal Sync (or Composite Sync) |
| 11          | Vertical Sync                       | 11           | Vertical Sync                       |
| 12          | DDC Data Clock Line                 | 12           | DDC Data Clock Line                 |
| 13          | DRAIN+BRAID                         | 13           | DRAIN+BRAID                         |
| 14          | SHELL                               | 14           | SHELL                               |
| 15          | SHELL                               | 15           | SHELL                               |

WIRE MARKING:

VDC LONDON WWW.VDCTRADING.COM  
E193793 RU AWM 2919 80°C 30V VW-1

| P/N       | L±(mm)   |
|-----------|----------|
| 104400401 | 1000±50  |
| 104400403 | 3000±100 |
| 104400405 | 5000±150 |

UNIT: mm

| ITEM | DESCRIPTION                                                   | QTY. | UNIT |
|------|---------------------------------------------------------------|------|------|
| 1    | HD15 MALE CONNECTOR                                           | 2    | PCS. |
| 2    | PANTONE BLUE 072U MOLDED PVC HOOD W/VDC LOGO (90°)            | 1    | PCS. |
| 3    | PANTONE BLUE 072U MOLDED PVC HOOD W/VDC LOGO                  | 1    | PCS. |
| 4    | PANTONE BLUE 072U #4/40 THUMBSCREW                            | 3    | PCS. |
| 5    | PAT. NO.:US 6,287,148 B1 RF-BLOK™ SHIELDING METAL CAN         | 1    | PCS. |
| 6    | UL2919 (28AWG COAX+AL-FOIL+65%BRAID+INNER JACKET)x3C SEE DWG. | 1    | DWG. |
|      | +(28AWG WIRE)x8C+AL-FOIL+DRAIN+BRAID OVERALL;                 |      |      |
|      | PANTONE BLUE 072U PVC JACKET                                  |      |      |

Customer's P/N: SEE TABLE  
Revision: D  
RFQ number: 96060104  
Drawing#: 96060104  
Scale: None  
Date: 06/01/2007  
Sales: JOAN

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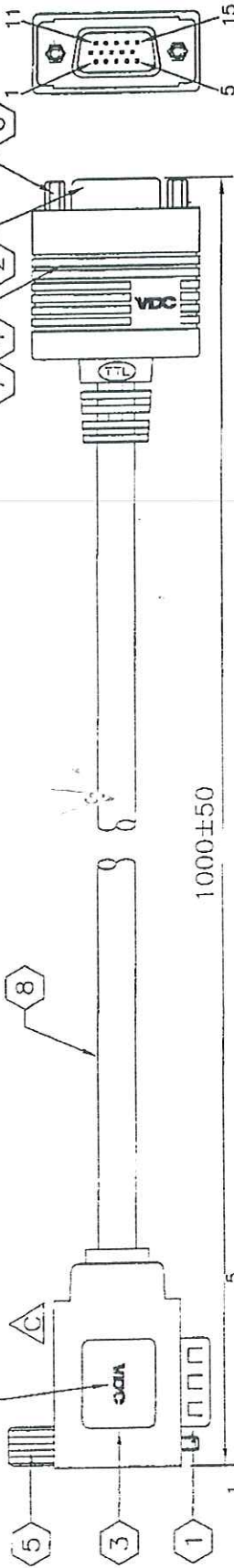


CUSTOMER'S APPROVAL:

DATE:

FIRST ARTICLE SAMPLE REQUIRED: ☐ YES, ☐ NO.

VDC LOGO (TWO SIDES)



PINOUT CONFIGURATION

| HD15 (90°) MALE |                                     | HD15 FEMALE |  |
|-----------------|-------------------------------------|-------------|--|
| 1               | Red Video                           | 1           |  |
| 2               | Green Video                         | 2           |  |
| 3               | Blue Video                          | 3           |  |
| 4               |                                     | 4           |  |
| 5               | Ground                              | 5           |  |
| 6               | Red Ground                          | 6           |  |
| 7               | Green Ground                        | 7           |  |
| 8               | Blue Ground                         | 8           |  |
| 9               | +5 VDC                              | 9           |  |
| 10              |                                     | 10          |  |
| 11              |                                     | 11          |  |
| 12              | DDC Serial Data Line                | 12          |  |
| 13              | Horizontal Sync (or Composite Sync) | 13          |  |
| 14              | Vertical Sync                       | 14          |  |
| 15              | DDC Data Clock Line                 | 15          |  |
| SHELL           | DRAIN+BRAID                         | SHELL       |  |

WIRE MARKING:

VDC LONDON WWW.VDCTRADING.COM  
E193793 RJ AWM 2919 80°C 30V VW-1

UNIT: mm

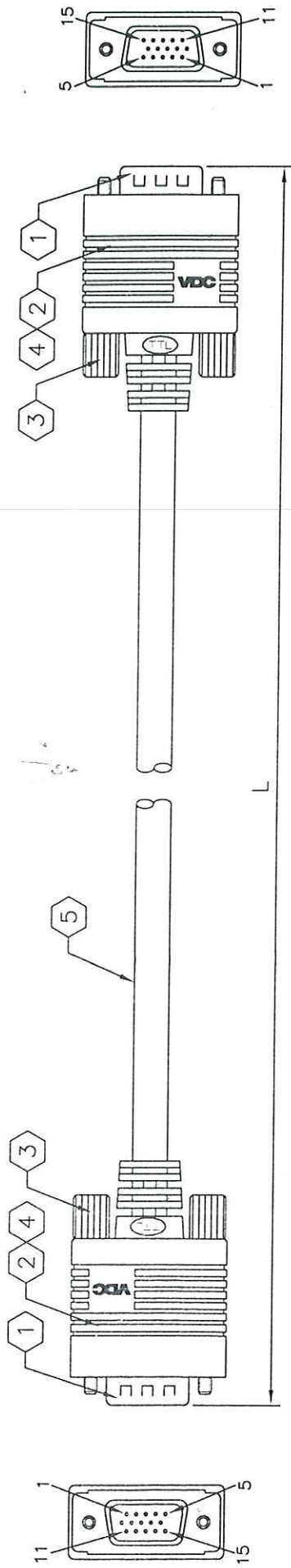
| ITEM | DESCRIPTION                                                                                         | QTY.     | UNIT |
|------|-----------------------------------------------------------------------------------------------------|----------|------|
| 1    | HD15 MALE CONNECTOR                                                                                 | 1        | PCS. |
| 2    | HD15 FEMALE CONNECTOR                                                                               | 1        | PCS. |
| 3    | PANTONE BLUE 072U MOLDED PVC HOOD W/VDC LOGO (90°)                                                  | 1        | PCS. |
| 4    | PANTONE BLUE 072U MOLDED PVC HOOD W/VDC LOGO                                                        | 1        | PCS. |
| 5    | PANTONE BLUE 072U #4/40 THUMBSCREW                                                                  | 1        | PCS. |
| 6    | #4/40 HEX-NUT                                                                                       | 2        | PCS. |
| 7    | PAT. NO.:US 6,287,148 B1 RF-BLOK™ SHIELDING METAL CAN                                               | 1        | PCS. |
| 8    | UL2919 (28AWG COAXIAL-FOIL+65%BRAID+INNER JACKET)x30 + (28AWG WIRE)x8C+AL-FOIL+DRAIN+BRAID OVERALL; | SEE DWG. |      |
|      | PANTONE BLUE 072U PVC JACKET                                                                        |          |      |

|                 |           |                                                                                                   |  |
|-----------------|-----------|---------------------------------------------------------------------------------------------------|--|
| Customer's P/N: | Revision: | Copyright 06-2007<br>TOTAL TECHNOLOGIES, LTD.<br>9 Studebaker, Irvine, CA 92618<br>1-800-669-4885 |  |
| 104300301       | C         |                                                                                                   |  |
| R/Q number:     | Drawing#: |                                                                                                   |  |
|                 | 96060105  |                                                                                                   |  |
| Drawn by:       | Scale:    | SALES: JOAN                                                                                       |  |
| STANLEY         | None      |                                                                                                   |  |
| Checked by:     | Date:     | 06/01/2007                                                                                        |  |

| REV. | DESCRIPTION       | REVISD BY | DATE      |
|------|-------------------|-----------|-----------|
| A    | REVISE PINOUT     | STANLEY   | JUN.06.07 |
| B    | CHANGE WIRE SPEC. | STANLEY   | JUN.07.07 |
| C    | REMOVE ONE SCREW  | STANLEY   | JUL.30.07 |

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DATE:

 $\text{NO}^{\bullet}$ 

## PINOUT CONFIGURATION

| HD15  | MALE                                |
|-------|-------------------------------------|
| 1     | Red Video                           |
| 2     | Green Video                         |
| 3     | Blue Video                          |
| 4     |                                     |
| 5     | Ground                              |
| 6     | Red Ground                          |
| 7     | Green Ground                        |
| 8     | Blue Ground                         |
| 9     | +5 VDC                              |
| 10    |                                     |
| 11    |                                     |
| 12    | DDC Serial Data Line                |
| 13    | Horizontal Sync (or Composite Sync) |
| 14    | Vertical Sync                       |
| 15    | DDC Data Clock Line                 |
| SHELL | DRAIN+BRAID                         |
|       | SHELL                               |

| P/N       | L±(mm)    |
|-----------|-----------|
| 104233005 | 500±50    |
| 104234202 | 2000±50   |
| 104236203 | 3000±100  |
| 104238206 | 6000±200  |
| 104240210 | 10000±250 |
| 104241215 | 15000±250 |
| 104242220 | 20000±250 |
| 104244230 | 30000±250 |
| 104246250 | 50000±250 |

WIRE MARKING:

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E193793 RJ AWM 2919 80°C 30V VW-1

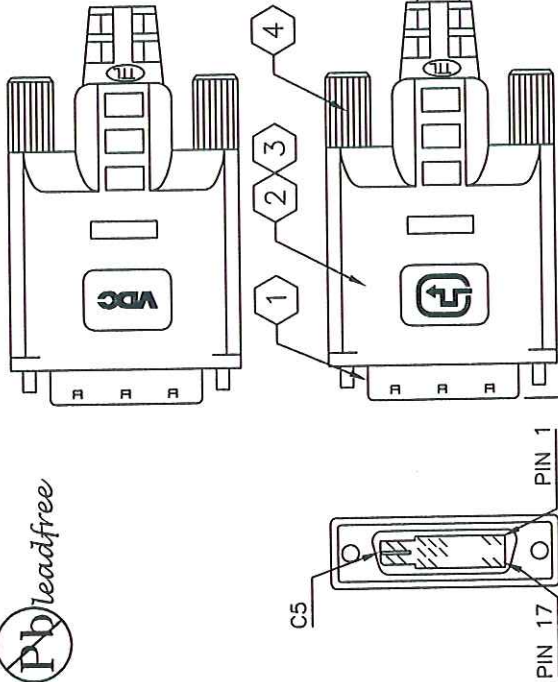
UNIT: mm

| ITEM | DESCRIPTION                                                                                           | QTY. | UNIT |
|------|-------------------------------------------------------------------------------------------------------|------|------|
| 1    | HD15 MALE CONNECTOR                                                                                   | 2    | PCS. |
| 2    | PANTONE BLUE 072U MOLDED PVC HOOD W/VDC LOGO                                                          | 2    | PCS. |
| 3    | PANTONE BLUE 072U #4/40 THUMBSCREW                                                                    | 4    | PCS. |
| 4    | PAT. NO.:US 6,287,148 B1 RF-BLOK™ SHIELDING METAL CAN                                                 | 2    | PCS. |
| 5    | UL2919 (28AWG COAX+AL-FOIL+65%BRAID+INNER JACKET)x30<br>+(28AWG WIRE)x8C+AL-FOIL+DRAIN+BRAID OVERALL; | SEE  | DWG. |
|      | PANTONE BLUE 072U PVC JACKET                                                                          |      |      |
|      |                                                                                                       |      |      |
|      |                                                                                                       |      |      |
|      |                                                                                                       |      |      |
|      |                                                                                                       |      |      |

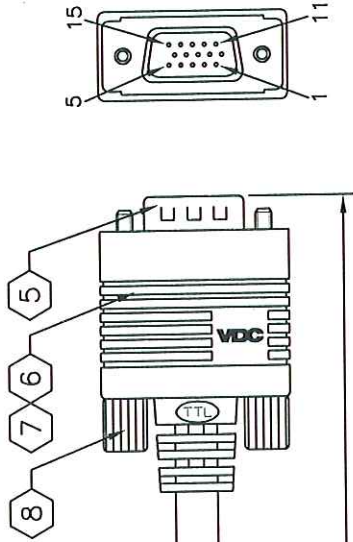
[illegible]

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Farnell Code 1956284 - 2m; 1956285 - 3m; 1956286 - 5m



2000±50

### PINOUT CONFIGURATION

DVI-A MALE (12+5) HD15 MALE

|                    |              |             |
|--------------------|--------------|-------------|
| ANALOG RED C1      | R            | 1           |
| ANALOG GREEN C2    | G            | 2           |
| ANALOG BLUE C3     | B            | 3           |
| HORIZONTAL SYNC C4 |              | 13          |
| ANALOG GROUND C5   | R.G.B SHIELD | 6,7,8,10,11 |
| DDC CLOCK 6        |              | 15          |
| DDC DATA 7         |              | 12          |
| VERTICAL SYNC 8    |              | 14          |
| POWER +5V 14.16    |              | 9           |
| GROUND 15          |              | 5           |
| SHELL              | BRAID        | SHELL       |

### WIRE MARKING:

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E193793 RJ AWM 2919 80°C 30V VW-1

UNIT: mm

| ITEM | DESCRIPTION                                                                                         | QTY.     | UNIT |
|------|-----------------------------------------------------------------------------------------------------|----------|------|
| 1    | DVI MALE CONNECTOR (12+5)                                                                           | 1        | PCS. |
| 2    | PANTONE BLUE 072U MOLDED PVC HOOD W/VDC LOGO                                                        | 1        | PCS. |
| 3    | PAT. NO.:US 6,287,148 B1 RF-BLOK™ SHIELDING METAL CAN                                               | 1        | PCS. |
| 4    | PANTONE BLUE 072U #4/40 THUMBSCREW                                                                  | 2        | PCS. |
| 5    | HD15 MALE CONNECTOR                                                                                 | 1        | PCS. |
| 6    | PANTONE BLUE 072U MOLDED PVC HOOD W/VDC LOGO                                                        | 1        | PCS. |
| 7    | PAT. NO.:US 6,287,148 B1 RF-BLOK™ SHIELDING METAL CAN                                               | 1        | PCS. |
| 8    | PANTONE BLUE 072U #4/40 THUMBSCREW                                                                  | 2        | PCS. |
| 9    | UL2919 (28AWG COAX+AL-FOIL+65%BRAID+INNER JACKET)x30 + (28AWG WIRE)x8C+AL-FOIL+DRAIN+BRAID OVERALL; | SEE DWG. |      |
|      | PANTONE BLUE 072U PVC JACKET                                                                        |          |      |