

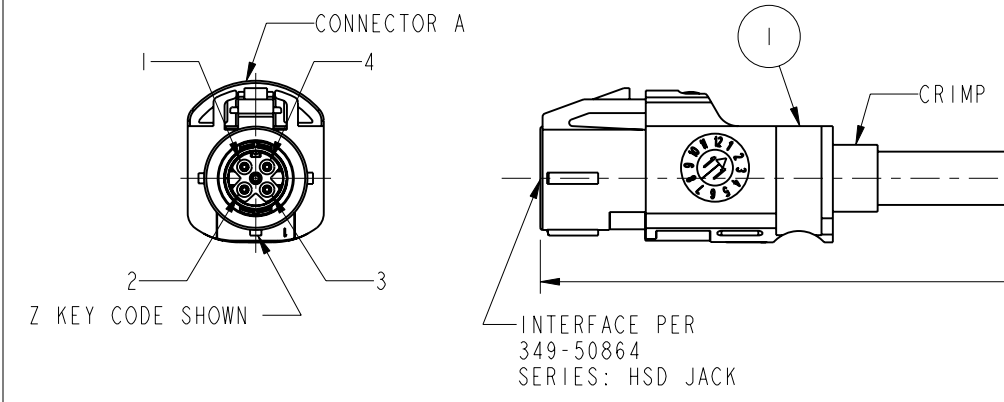
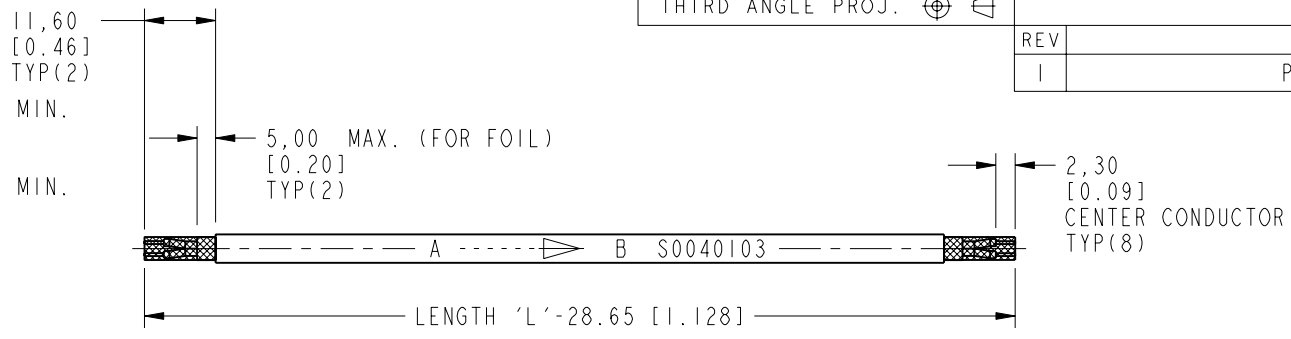
NOTES:

- PLATING PER AMPHENOL SPEC. 349-50560. (FOR USA)  
 PLATING PER KAI JACK SPEC. WI-QC17-01. (FOR CHINA)  
 HDSL00101 NICKEL PL. 100 MIN. THICK OVER COPPER STRIKE  
 HDCP00501 INTERFACE AREA: GOLD PL. 30 MIN. THICK OVER NICKEL PL. 100 MIN. THICK OVER COPPER STRIKE  
 OTHER AREA: NICKEL PL. 100 MIN. THICK OVER COPPER STRIKE  
 HDCP00401 INTERFACE AREA: GOLD PL. 30 MIN. THICK OVER NICKEL PL. 100 MIN. THICK OVER COPPER STRIKE  
 OTHER AREA: NICKEL PL. 100 MIN. THICK OVER COPPER STRIKE

- PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: BAG TO BE MARKED  
 "AMPHENOL RF, HSDSJXSPXXX-16 AND DATE CODE"

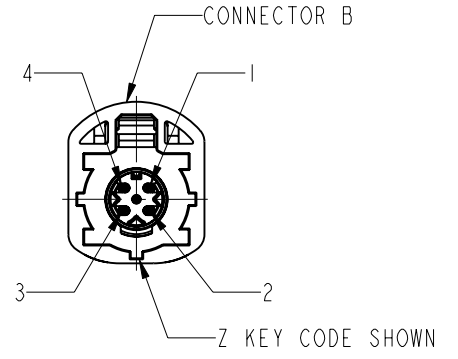
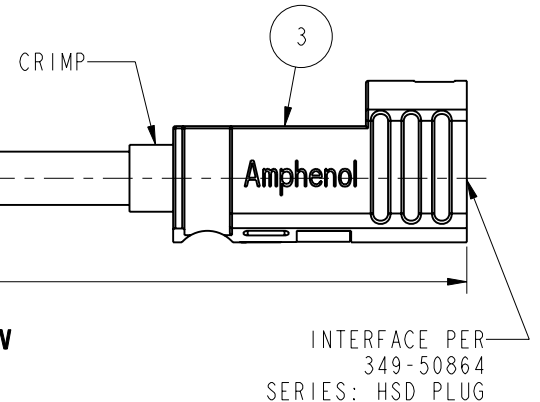
THIRD ANGLE PROJ.

| REVISIONS |                     |           |     |      |
|-----------|---------------------|-----------|-----|------|
| REV       | DESCRIPTION         | DATE      | ECN | APPR |
| 1         | PRELIMINARY RELEASE | 26-Mar-19 | --  | JF   |

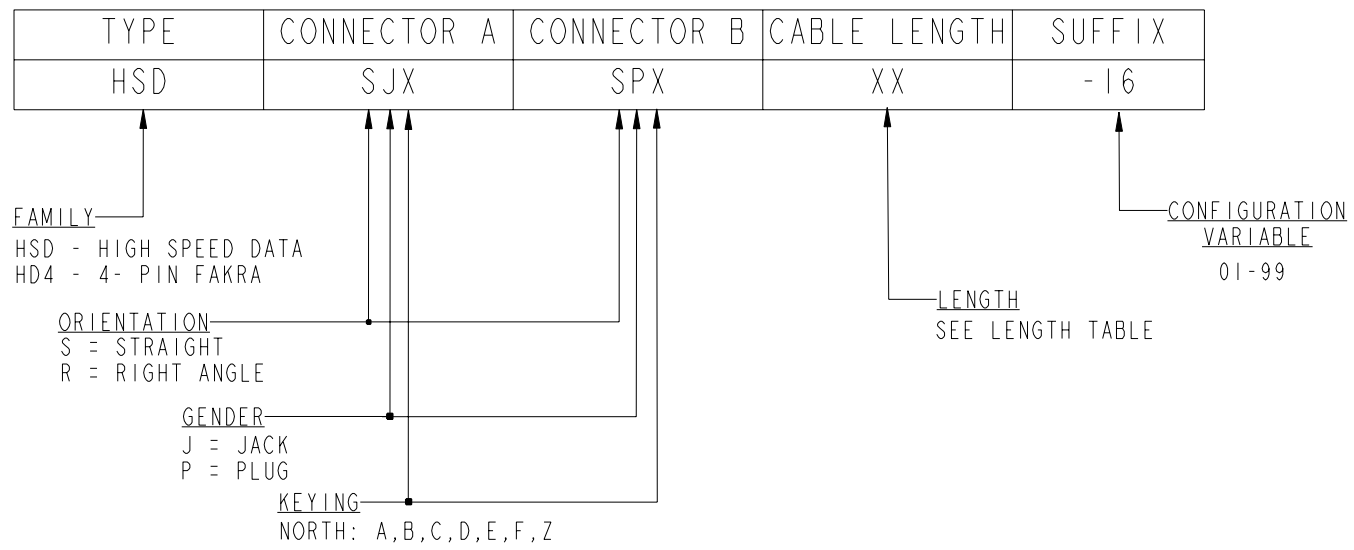


**RECOMMENDED CABLE STRIPPING DIMENSIONS**

NOTE: ITEMS 4, 5 & 6 ARE NOT SHOWN IN THIS VIEW



**PART NUMBERING**



| LENGTH TABLE |   |                |
|--------------|---|----------------|
| XX           | LENGTH 'L' AND TOLERANCE IN INCHES [METERS] | LENGTH IN FEET |
| 01           | 12.00 ± 0.25 [0.305 ± 0.006]                | 1.000          |
| 02           | 19.69 ± 0.25 [0.500 ± 0.006]                | 1.641          |
| 03           | 24.00 ± 0.50 [0.610 ± 0.013]                | 2.000          |
| 04           | 29.53 ± 0.50 [0.750 ± 0.013]                | 2.461          |
| 05           | 36.00 ± 0.50 [0.914 ± 0.013]                | 3.000          |
| 06           | 39.37 ± 0.50 [1.000 ± 0.013]                | 3.281          |
| 07           | 48.00 ± 0.50 [1.219 ± 0.013]                | 4.000          |
| 08           | 59.06 ± 0.50 [1.500 ± 0.013]                | 4.921          |
| 09           | 60.00 ± 1.50 [1.524 ± 0.038]                | 5.000          |
| 10           | 72.00 ± 1.80 [1.829 ± 0.046]                | 6.000          |
| 11           | 78.74 ± 1.97 [2.000 ± 0.050]                | 6.562          |
| 12           | 118.11 ± 2.95 [3.000 ± 0.075]               | 9.842          |
| 13           | 120.00 ± 3.00 [3.048 ± 0.076]               | 10.000         |
| 14           | 144.00 ± 3.60 [3.658 ± 0.091]               | 12.000         |
| 15           | 180.00 ± 4.50 [4.572 ± 0.114]               | 15.000         |
| 16           | 196.850 ± 4.92 [5.000 ± 0.125]              | 16.404         |
| 17           | 300.00 ± 15.00 [7.620 ± 0.381]              | 25.000         |
| 18           | 393.70 ± 19.68 [10.000 ± 0.500]             | 32.810         |
| 19           | 600.00 ± 30.00 [15.240 ± 0.762]             | 50.000         |
| 20           | 787.40 ± 39.37 [20.000 ± 1.000]             | 65.620         |
| 21           | 900.00 ± 45.00 [22.860 ± 1.143]             | 75.000         |
| 22           | 1181.10 ± 59.05 [30.000 ± 1.500]            | 98.425         |
| 23           | 1200.00 ± 60.00 [30.480 ± 1.524]            | 100.000        |

| CONNECTOR A | COLOR  | CONNECTOR B |
|-------------|--------|-------------|
| 1           | BLUE   | 1           |
| 2           | ORANGE | 2           |
| 3           | GREEN  | 3           |
| 4           | BROWN  | 4           |

**PRELIMINARY ISSUE**

**DESIGN REQUIREMENTS:**

|  |  |
|--|--|
| <input checked="" type="checkbox"/> FREQUENCY DC - 2 GHz | <input checked="" type="checkbox"/> CONTINUITY       |
| <input type="checkbox"/> VSWR: _____ : 1 MAX.            | <input checked="" type="checkbox"/> HI-POT: 500 VRMS |
| <input type="checkbox"/> INS. LOSS: _____ dB MIN.        | <input type="checkbox"/> OTHER                       |

| PART NUMBER       | QTY.      | ITEM | DESCRIPTION | FINISH |
|-------------------|-----------|------|-------------|--------|
| HDSL00101         | 2         | 6    | SLEEVE      | NOTE 1 |
| HDCP00501         | 4         | 5    | CONTACT     | NOTE 1 |
| HDCP00401         | 4         | 4    | CONTACT     | NOTE 1 |
| 2HSD-NXSP-C44WI   | 1         | 3    | ASSEMBLY    |        |
| HSD-S0040103-BXIM | SEE TABLE | 2    | CABLE       | BLACK  |
| 2HSD-NXSJ-C44W0   | 1         | 1    | ASSEMBLY    |        |

|  |                              |                  |                   |  |  |
|--|------------------------------|------------------|-------------------|--|--|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:<br><0.5mm ± 0.05mm    0.5 - 6mm ± 0.1mm    6 - 30mm ± 0.2mm    30 - 120mm ± 0.3mm    ANGLES ±1° | MATERIAL                     | DRAWN<br>J.FENG  | DATE<br>26-Mar-19 | TITLE<br>HSD STR JACK TO<br>HSD STR PLUG USING<br>HSD-S0040103 CABLE | <b>Amphenol RF</b><br>www.amphenolrf.com<br>DRAWING NO. HSDSJXSPXXX-16<br>ITEM NO. HSDSJXSPXXX-16<br>PART NO. HSDSJXSPXXX-16 |
|  | REFERENCE<br>EAR# 8869       | ENGINEER<br>P.YU | DATE<br>26-Mar-19 |  |  |
|  | REF:                         | APPROVED         | DATE              | SCALE: 1.5:1.0 SHEET 1 OF 2  |  |
|  | CONFIGURATION LEVEL: In Work | CAD FILE         | DWG SIZE<br>B     | REV<br>1   |  |

NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.

NOTES:

1. MATERIALS AND FINISHES:  
 HSD STR JACK: 2HSD-NXSJ-C44W0  
 HSD STR PLUG: 2HSD-NXSP-C44W1  
 CABLE: HSD-S0040103, 4-WIRES CABLE, COLOR:BLACK

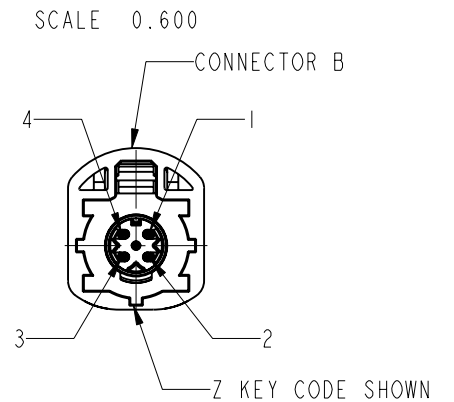
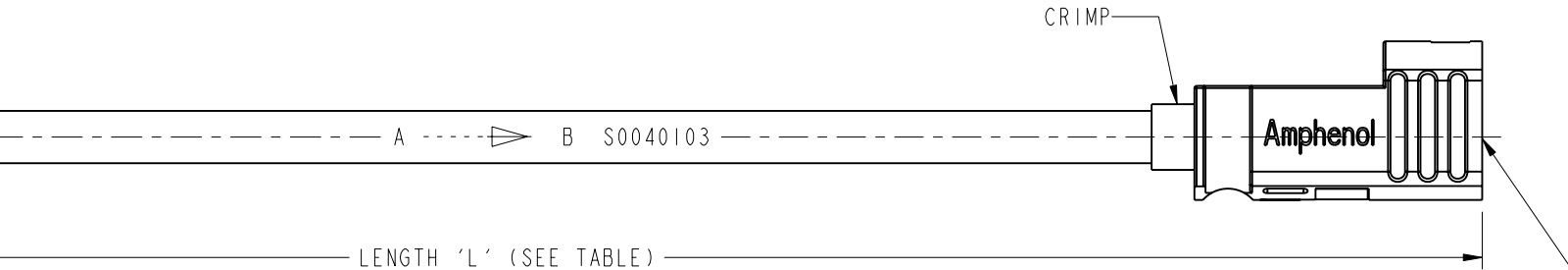
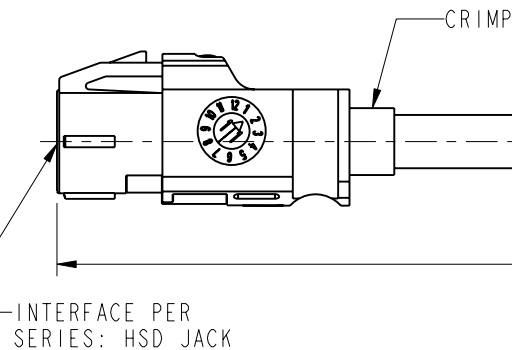
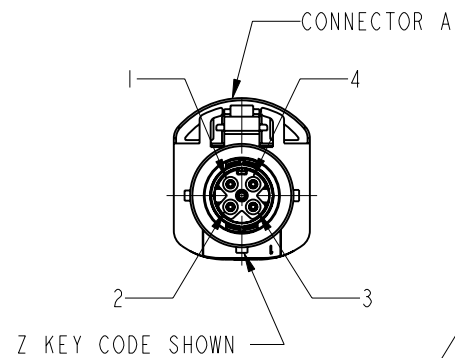
2. ELECTRICAL:  
 A. IMPEDANCE: 100 OHM

3. MECHANICAL:  
 A. DURABILITY: 25 CYCLES MIN.  
 B. TEMPERATURE RANGE: -40°C TO 105°C  
 C. HOUSING RETENTION: 110N MIN. AXIAL  
 D. CABLE ASSEMBLY INSTRUCTIONS: PER SPEC 349-50864

4. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: BAG TO BE MARKED  
 "AMPHENOL RF, HSDSJXSPXXX-16 AND DATE CODE"

THIRD ANGLE PROJ.

| REVISIONS |                     |           |     |      |
|-----------|---------------------|-----------|-----|------|
| REV       | DESCRIPTION         | DATE      | ECN | APPR |
| I         | PRELIMINARY RELEASE | 26-Mar-19 | --  | JF   |

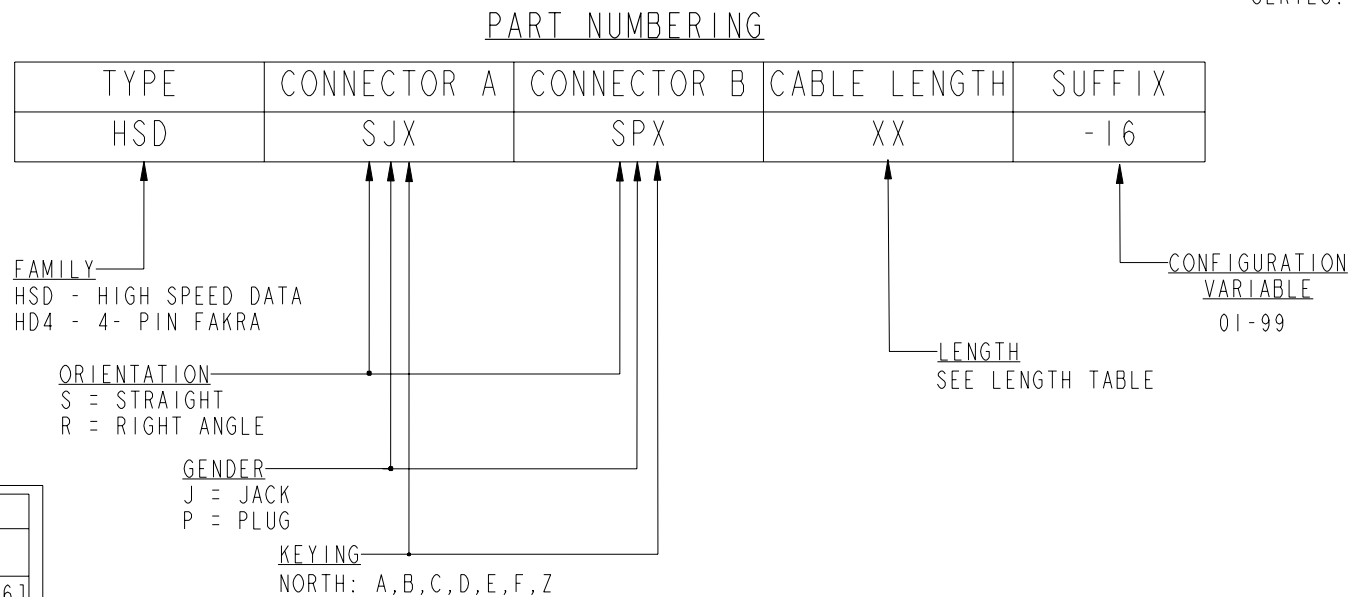


| XX | LENGTH 'L' IN INCHES [METERS] |
|----|-------------------------------|
| 01 | 12.00 [0.305]                 |
| 02 | 19.69 [0.500]                 |
| 03 | 24.00 [0.610]                 |
| 04 | 29.53 [0.750]                 |
| 05 | 36.00 [0.914]                 |
| 06 | 39.37 [1.000]                 |
| 07 | 48.00 [1.219]                 |
| 08 | 59.06 [1.500]                 |
| 09 | 60.00 [1.524]                 |
| 10 | 72.00 [1.829]                 |
| 11 | 78.74 [2.000]                 |
| 12 | 118.11 [3.000]                |
| 13 | 120.00 [3.048]                |
| 14 | 144.00 [3.658]                |
| 15 | 180.00 [4.572]                |
| 16 | 196.850 [5.000]               |
| 17 | 300.00 [7.620]                |
| 18 | 393.70 [10.000]               |
| 19 | 600.00 [15.240]               |
| 20 | 787.40 [20.000]               |
| 21 | 900.00 [22.860]               |
| 22 | 1181.10 [30.000]              |
| 23 | 1200.00 [30.480]              |

| LENGTH IN INCHES/FT [METERS]    | TOLERANCE      |
|---------------------------------|----------------|
| 0" - 23.90" [0 - 0.607]         | ±0.25" [0.006] |
| 24.00" - 59.00" [0.610 - 1.499] | ±0.50" [0.013] |
| 5.0' - 24.9' [1.524 - 7.617]    | ±2.5%          |
| 25.0' & UP [7.620 & UP]         | ±5.0%          |

**DESIGN REQUIREMENTS:**

|  |  |
|--|--|
| <input checked="" type="checkbox"/> FREQUENCY DC - 2 GHz | <input checked="" type="checkbox"/> CONTINUITY       |
| <input type="checkbox"/> VSWR: ---- : 1 MAX.             | <input checked="" type="checkbox"/> HI-POT: 500 VRMS |
| <input type="checkbox"/> INS. LOSS: ---- dB MIN.         | <input type="checkbox"/> OTHER                       |



| CONNECTOR A | COLOR  | CONNECTOR B |
|-------------|--------|-------------|
| 1           | BLUE   | 1           |
| 2           | ORANGE | 2           |
| 3           | GREEN  | 3           |
| 4           | BROWN  | 4           |

**PRELIMINARY ISSUE**

**CUSTOMER OUTLINE DRAWING**  
 ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

|   |                                      |                  |                   |  |                                   |
|---|--------------------------------------|------------------|-------------------|--|-----------------------------------|
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|   | REFERENCE<br>EAR# 8869               | ENGINEER<br>P.YU | DATE<br>26-Mar-19 |  |                                   |
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|   | FINISH                               | CAD FILE         | DWG SIZE<br>B     | REV<br>I   | PART NO. HSDSJXSPXXX-16           |