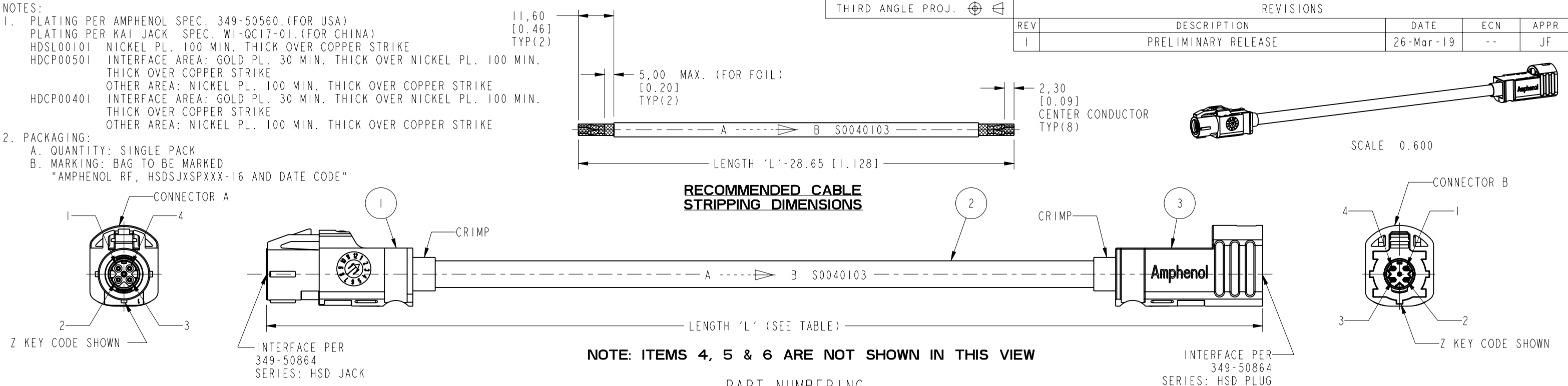




NOTES:

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

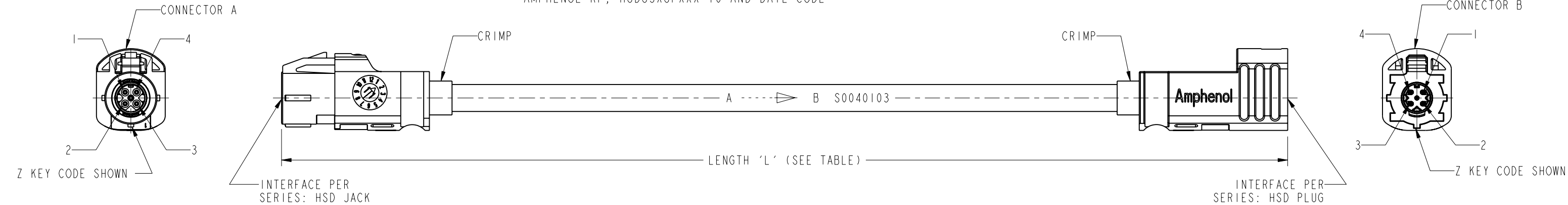
3. MECHANICAL:
A. DURABILITY: 25 CYCLES MIN.
B. TEMPERATURE RANGE: -40°C TO 105°C
C. HOUSING RETENTION: 110N MIN. AXIAL
D. CABLE ASSEMBLY INSTRUCTIONS: PER SPEC 349-50864

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

THIRD ANGLE PROJ.

REVISIONS

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



PART NUMBERING

TYPE	CONNECTOR A	CONNECTOR B	CABLE LENGTH	SUFFIX
HSD	SJX	SPX	XX	-16

FAMILY
HSD - HIGH SPEED DATA
HD4 - 4- PIN FAKRA

ORIENTATION
S = STRAIGHT
R = RIGHT ANGLE

GENDER
J = JACK
P = PLUG

KEYING
NORTH: A,B,C,D,E,F,Z

CONFIGURATION
VARIABLE
01-99

LENGTH
SEE LENGTH TABLE

LENGTH TABLE	
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]

TOLERANCE TABLE	
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:

- ☒ FREQUENCY DC - 2 GHz ☒ CONTINUITY
☐ VSWR: ---- : 1 MAX. ☒ HI-POT: 500 VRMS
☐ INS. LOSS: ---- dB MIN. ☐ 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

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

Mouser Electronics

Authorized Distributor

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