

NOTES:

1. MATERIALS AND FINISHES:
CONNECTOR A: HSD STR JACK: 2HSD-NXSJ-C44W0
CONNECTOR B: HSD STR JACK: 2HSD-NXSJ-C44W0
CABLE: HSD-S0040103, 4-WIRES CABLE, COLOR:BLACK

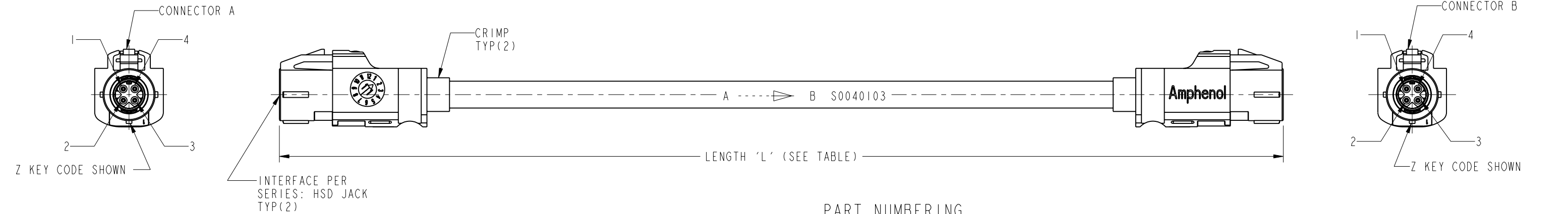
2. ELECTRICAL:
A. IMPEDANCE: 100 OHM

3. MECHANICAL:
A. DURABILITY: 25 CYCLES MIN.
B. TEMPERATURE RANGE: -40°C TO 105°C
C. HOUSING RETENTION: 110N MIN. AXIAL
4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, HSJSXSJXXX-18 AND DATE CODE"

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	08-May-19	11452	PL

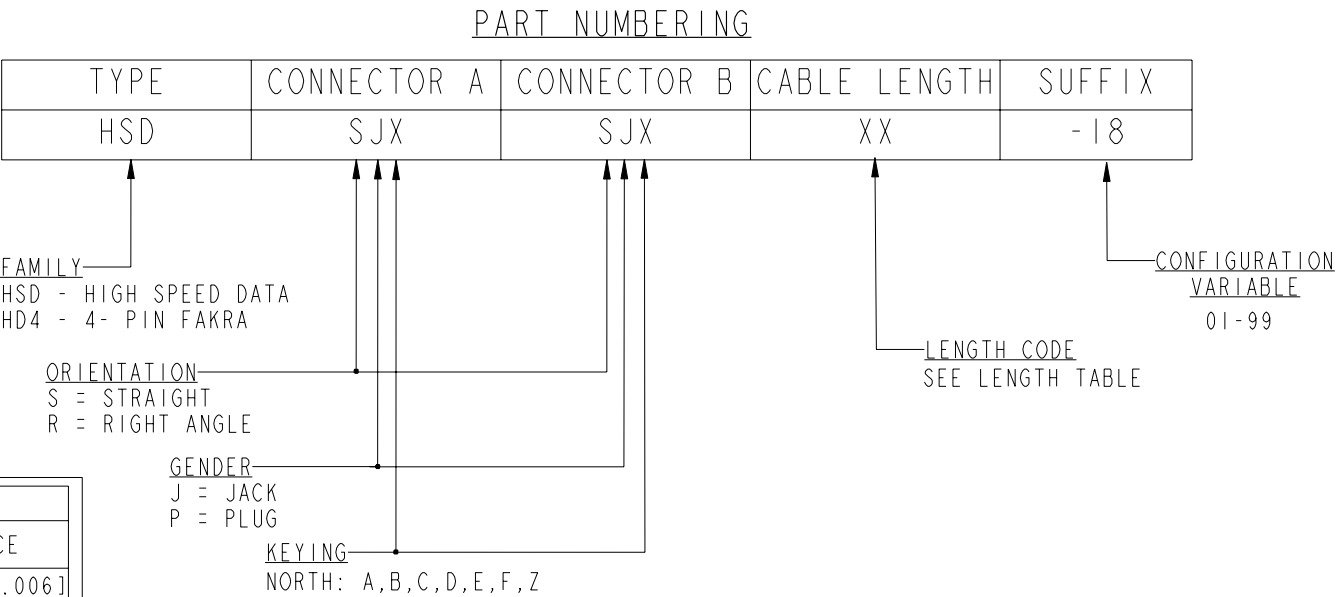


LENGTH TABLE	
XX	LENGTH 'L' IN INCHES [METERS]
01	12.00 [0.305]
02	19.69 [0.500]
03	24.00 [0.610]
04	29.53 [0.750]
05	36.00 [0.914]
06	39.37 [1.000]
07	48.00 [1.219]
08	59.06 [1.500]
09	60.00 [1.524]
10	72.00 [1.829]
11	78.74 [2.000]
12	118.11 [3.000]
13	120.00 [3.048]
14	144.00 [3.658]
15	180.00 [4.572]
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

CONFIGURATION CONTROL:
NO CHANGES PERMITTED TO DRAWING WITHOUT
PPAP QUALIFIED CUSTOMER APPROVAL

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° 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.	MATERIAL	DRAWN	DATE	TITLE		Amphenol RF	
	SEE NOTES	J.FENG	15-May-19	HSD STR JACK TO		www.amphenolrf.com	
	REFERENCE	ENGINEER	DATE	HSD STR JACK USING		DRAWING NO. HSDSJXSJXXX-18	
	EAR# 8869	P.YU	15-May-19	HSD-S0040103 CABLE		ITEM NO. HSDSJXSJXXX-18	
	REF:	APPROVED	DATE	SCALE: 1.5:1.0 SHEET 2 OF 2		PART NO. HSDSJXSJXXX-18	
	CONFIGURATION LEVEL: In Work	S.HSIEH	15-May-19				
	FINISH	CAD FILE		DWG SIZE B		REV A	