NOTES:

1. MATERIALS AND FINISHES:
   CONNECTOR A: HSD STR PLUG: 2HSD-NXSP-C44WI
   CONNECTOR B: HSD STR PLUG: 2HSD-NXSP-C44WI
   CABLE: HSD-S0040103, 4-WIRES CABLE, COLOR:BLACK

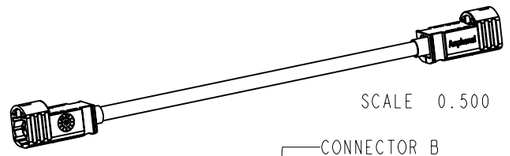
2. ELECTRICAL:
   A. IMPEDANCE: 100 OHM

3. MECHANICAL:
   A. DURABILITY: 25 CYCLES MIN.
   B. TEMPERATURE RANGE: -40°C TO 105°C
   C. HOUSING RETENTION: 110N MIN. AXIAL

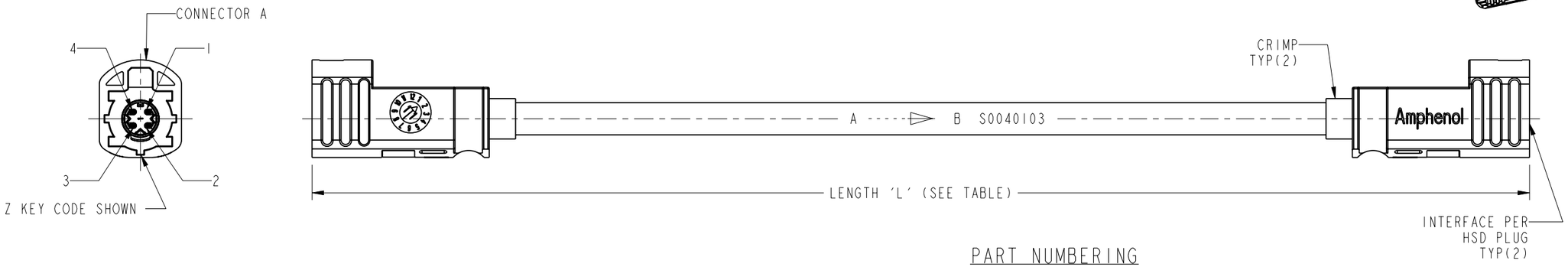
4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED
      "AMPHENOL RF, HSDSPXSPXXX-21 AND DATE CODE"

THIRD ANGLE PROJ.

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



SCALE 0.500



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]

PART NUMBERING

TYPE	CONNECTOR A	CONNECTOR B	CABLE LENGTH	SUFFIX
HSD	SPX	SPX	XX	-21

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

LENGTH CODE
SEE LENGTH TABLE

CONFIGURATION VARIABLE
01-99

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:

- [X] FREQUENCY DC - 2 GHz
- [ ] VSWR:____ : 1 MAX.
- [ ] INS. LOSS: ____ dB MIN.
- [X] CONTINUITY
- [X] HI-POT: 500 VRMS
- [ ] OTHER

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

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 ± 0.05mm | 0.5 - 6mm ±0.1mm | 6 - 30mm ±0.2mm | 30 - 120mm ± 0.3mm | ANGLES ±1°

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MATERIAL
SEE NOTES

REFERENCE
EAR# 8869
REF:

CONFIGURATION LEVEL: In Work

FINISH

DRAWN	J.FENG	DATE 15-May-19
ENGINEER	P.YU	DATE 15-May-19
APPROVED	S.HSIEH	DATE 15-May-19
CAD FILE		

TITLE
HSD STR PLUG TO HSD STR PLUG USING HSD-S0040103 CABLE

SCALE: 1.5:1.0 | SHEET 2 OF 2
DWG SIZE B | REV A

Amphenol RF
www.amphenolrf.com

DRAWING NO. HSDSPXSPXXX-21
ITEM NO. HSDSPXSPXXX-21
PART NO. HSDSPXSPXXX-21