

CUSTOMER DRAWING

		1		
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1		FIRST RELEASE	08/31'21	DAM

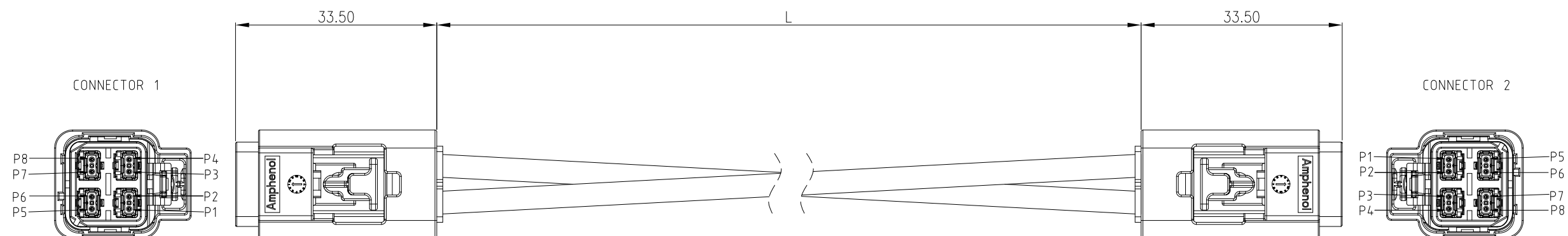


TABLE 1: WIRE DIAGRAM

PIN#	WIRE COLOR	PIN#
1	WHITE	1
2	GREEN	2
3	WHITE	3
4	GREEN	4
5	WHITE	5
6	GREEN	6
7	WHITE	7
8	GREEN	8

CONNECTOR 1: NTHCF022X10S
NETBRIDGE+ 2X2 FEMALE, SEALED

CONNECTOR 2: NTHCF022X10S

NETBRIDGE+ 2X2 FEMALE, SEALED

ORDER P/N SYSTEM: NTH C PP 22 X 1 X XXX S

NETBRIDGE+ ————

C: CABLE ASSEMBLY ————

PP: PLUG TO PLUG ————

PORT OPTION ————

22: 2X2 PORT ————

CONNECTOR CODE OPTION
A: CODE A-A
B: CODE B-B
C: CODE C-C
D: CODE D-D
Z: CODE Z-Z

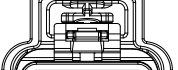
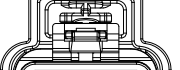
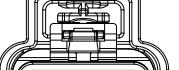
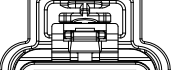
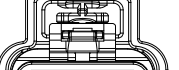
—S: SEALED

—CABLE LENGTH:
001: 100MM
010: 1000MM
100: 10000MM
150: 15000MM

—RAW CABLE OPTION:
0: STP
U: UTP

—CONTACT PLATING
1: MATTE-TIN.

TABLE 3 (CODE OPTION):

CODE A BLACK	CODE B WHITE	CODE C GREEN	CODE D BROWN	CODE Z BLUE
				

NOTES:

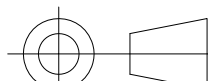
1. GENERAL SPECIFICATION:
 - 1.1 CURRENT RATING: 3A MAX. PER PIN.
 - 1.2 CONTACT RESISTANCE: 20mΩ MAX.
 - 1.3 INSULATOR RESISTANCE: 100MΩ MIN.AT Vdc=500V.T=60S.
 - 1.4 DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC.
 - 1.5 OPERATION TEMPERATURE: -40°C~+105°C.
2. DIMENSIONING SHALL BE INTERPRETED PER ASME Y14.5M 1994.
3. COMPLIANCE WITH OPEN ALLIANCE TC9, IEEE100MBASE-T1.

TABLE 2: TOLERANCE OF L

RANGE OF DIMENSION L	TOLERANCE
≤ 200	± 20
$> 200, \leq 500$	± 25
$> 500, \leq 1000$	± 30
$> 1000, \leq 2000$	± 35
$> 2000, \leq 5000$	± 40
> 5000	± 50



HF	
Non-HF	y

UNLESS OTHERWISE SPECIFIED TOLERANCES			APPROVAL		DATE
	U.S.	METRIC	DRAWN	COOL	08/31'2
.X	+/-	0.50	CHECKED	DAM	08/31'2
.XX	+/-	0.30	CHECKED		
.XXX	+/-	0.20			
FRACTIONS	+/-		DRAWING FILE :		
ANGLES	+/-	3°			
FOR MATERIALS AND FINISHES SEE NOTES			ANGLE OF PROJECTION		
REMOVE SHARP EDGES					
DIMENSIONS					
U.S.		INCHES			
(METRIC)	(MM)				

Amphenol

Amphenol East Asia Limited

TITLE	NETBRIDGE+ CABLE ASSEMBLY
	2X2 PLUG SEALED TO 2X2 PLUG SEALED

SIZE	DRAWING NO.	REV.
A3	NTHCPP22X1XXXXS	1
SCALE	NONE	SHEET 1 OF 1