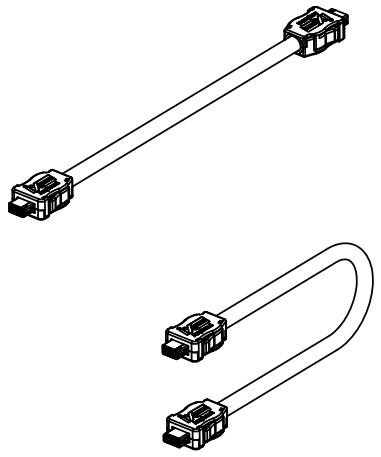
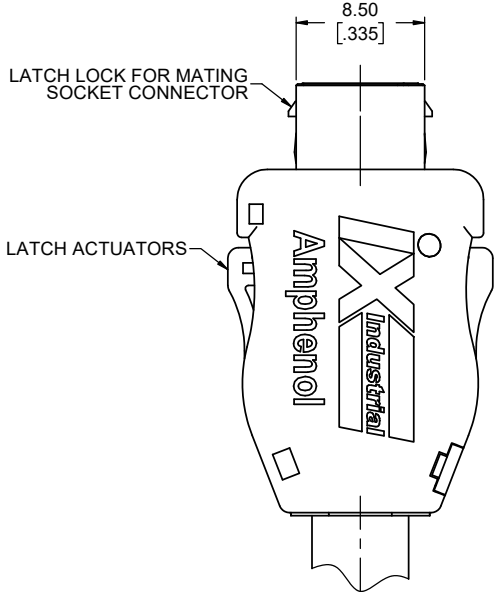
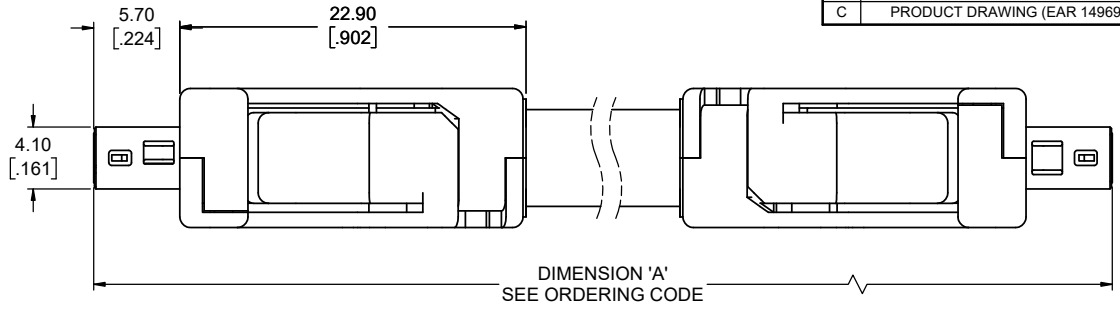
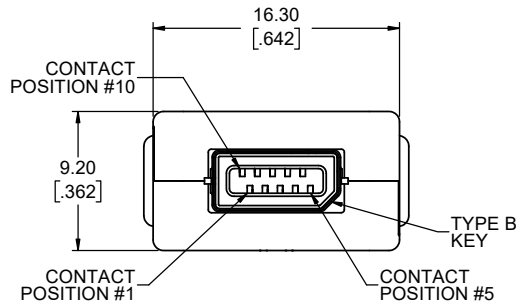


REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
B	PROPOSAL DRAWING (EAR 14804)	FEB27/20	K.L.
C	PRODUCT DRAWING (EAR 14969)	JUL11/23	K.L.



ORDERING CODE: ND9-BCBX-XXB

- SERIES, IX INDUSTRIAL I/O APPLICATIONS
- TYPE B KEY
- CABLE
- PLUG ON BOTH ENDS
- PLATING FOR IX MATING AREA
 - 1 = GOLD FLASH
 - 2 = 0.20µm (8µ") GOLD
 - 4 = 1.27µm (50µ") GOLD
 - 7 = 0.76µm (30µ") PALLADIUM NICKEL WITH GOLD FLASH
- 10 WIRE CABLE

CABLE LENGTHS (DIMENSION 'A')	
	LENGTH IN CM
20 TO 99	
A0 TO A9	1 METER + 0 TO 9 DECIMETERS
B0 TO B9	2 METERS + 0 TO 9 DECIMETERS
C0 TO C9	3 METERS + 0 TO 9 DECIMETERS
D0 TO D9	4 METERS + 0 TO 9 DECIMETERS
E0 TO E9	5 METERS + 0 TO 9 DECIMETERS
F0 TO F9	6 METERS + 0 TO 9 DECIMETERS
G0 TO G9	7 METERS + 0 TO 9 DECIMETERS
H0 TO H9	8 METERS + 0 TO 9 DECIMETERS
J0 TO J9	9 METERS + 0 TO 9 DECIMETERS
K0 TO K9	10 METERS + 0 TO 9 METERS
L0 TO L9	20 METERS + 0 TO 9 METERS
M0 TO M9	30 METERS + 0 TO 9 DECAMETERS

CABLE LENGTH ORDERING CODE EXAMPLES:
75cm = 75 6.3m = F3 25m = L5 80m = M5

NOTES:

1. MATERIAL: RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU AND AMENDMENTS.
 - SHIELD: STAINLESS STEEL, NICKEL PLATED
 - INSERTS & PLUG COVER: HIGH TEMPERATURE RESISTANT ENGINEERING THERMOPLASTIC, UL94V-0, BLACK
 - CONTACTS: COPPER ALLOY PLATED WITH GOLD OR PALLADIUM-NICKEL (SEE ORDERING CODE) OVER 1.27µm (50µ") MINIMUM NICKEL ON THE MATING AREA
 - WIRE: 26 AWG STRANDED COPPER WIRE, PVC INSULATED, TWISTED PAIRS, OVERALL TINNED COPPER BRAID, 6.75mm (.266") DIA. PVC JACKET
2. DESIGNED TO CONFORM TO REQUIREMENTS OF IEC 61076 PART 3-124 SPECIFICATION. THE TYPE B KEY FEATURE SHOWN IS INTENDED FOR NON-ETHERNET I/O APPLICATIONS.
3. CURRENT RATING: 1.5 AMPERES, VOLTAGE RATING: 50V AC rms OR 60V DC
4. OPERATING TEMPERATURE -40° TO +80°C.
5. DIELECTRIC WITHSTANDING VOLTAGE: 500V DC
6. INSULATION RESISTANCE: 500 MEGOHMS MINIMUM.
7. MATING & UNMATING FORCE: 25N (5.6 lbf) MAXIMUM.



CONNECTOR PIN ASSIGNMENT

POSITION NUMBER	WIRE COLOUR (DIN 47100)
1	WHITE
2	BROWN
3	GREEN
4	YELLOW
5	GREY
6	PINK
7	BLUE
8	RED
9	BLACK
10	VIOLET

NOTE:
TWISTED PAIRS FOR POSITIONS
1/2, 3/4, 5/6, 7/8 & 9/10

UNLESS SPECIFIED OTHERWISE	DRAWN	B.COPPING	JUL9/19
PRIMARY UNITS MILLIMETERS	CHECKED	K.LAMBIE	JUL9/19
SECONDARY UNITS INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.		
1 DECIMAL PLACE	ENG. REL. NO.	EAR 14720	
2 DECIMAL PLACES	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION		
ANGULAR DEGREES	DO NOT SCALE DRAWING		

Amphenol Canada Corp.
Commercial Products

IX INDUSTRIAL I/O CABLE, TYPE B PLUG TO PLUG, VARIOUS LENGTHS, RoHS COMPLIANT

DWG. NO. **P-ND9-BCBX-XXB** REV **C**

CODE ID NO. 03554 DWG SIZE: X SCALE: 4:1 SHEET 1 OF 1