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CUSTOMER DRAWING

NUMBERING SYSTEMATICS
C143 COXXF 9XX XXX

REVOLUTIONS		DATE	APPROVED
A	HK1830	10/18/00	Raymond
B	HK1888	11/28/00	Raymond
C	HK1880	12/20/00	Raymond
D	HK1929	02/28/01	Raymond
E	HK	1/25/06	Charles

1. DIN SERIES

2. STYLE ACC. TO DIN 41812
 C - 14,21,28,42,32,64,96 WAYS

3. TOTAL NUMBER OF CONTACTS IN CONNECTOR

C-TYPE
 96 : ROW A/B/C FULLY LOADED
 64 : ROW A/C FULLY LOADED
 32 : ROW A/C EVEN NUMBER LOADED
 SHORT C-TYPE
 21 : ROW A/B/C FULLY LOADED
 14 : ROW A/C FULLY LOADED
 28 : ROW A/C FULLY LOADED X 2
 42 : ROW A/B/C FULLY LOADED X 2

4. SEX OF CONNECTOR
 F : RECEPTACLE (FEMALE)

5. APPLICATION OF TERMINATION
 98 - IDC WITHOUT HOOD
 98 - IDC WITH HOOD

9. CONTACT FINISH
 1 = Cu/Ni 2um Au 1.27um
 2 = Cu/Ni 2um Au 0.6um
 4 = Cu/Ni 2um Au 0.3um
 5 = Cu/Ni 2um Au 0.2um
 6 = Cu/Ni 2um Au 0.8um

B. CONTACT ARRANGEMENTS OF STYLES

0 : STANDARD CONTACT ARRANGEMENT ACCORDING TO SECTION 3 - NUMBER OF CONTACTS
 1 : A - FULLY LOADED; B - EMPTY; C : EMPTY
 2 : A - EVEN; B - EMPTY; C : EMPTY
 3 : A - ODD; B - EVEN; C - EMPTY
 4 : A - EVEN; B - EVEN; C - EMPTY
 5 : A - FULLY LOADED; B - EMPTY; C - FULLY LOADED
 6 : A - FULLY LOADED; B - FULLY LOADED; C : EMPTY
 7 : A - EVEN; B - EVEN; C - EVEN
 8 : A - ODD; B - EVEN; C - ODD
 9 : A - EMPTY; B - EMPTY; C - FULLY LOADED
 A : A - ODD; B - EMPTY; C - ODD

Z. KIND OF VERSION
 0 : WITHOUT HOOD FOR C-TYPE
 1 : 45° HOOD ROTATE FOR SHORT C-TYPE
 2 : 90° ROTATE HOOD PROFILE FOR C-TYPE

Need See Individual Drawings For Non-Standard Version

6. STYLE OF CONNECTOR
 A : STD DIN STYLE C (96 WAY MAX)
 B : SHORTENED STYLE C (21 WAY MAX)
 C : 2 X SHORTENED STYLE C (2 X 21 WAY MAX)



C-TYPE CONTACT ARRANGEMENT

	1	2	3	4	5	6
1 = B	A	X	X	X	X	X
2 = B	A	X	X	X	X	X
3 = B	A	X	X	X	X	X
4 = B	A	X	X	X	X	X
5 = B	A	X	X	X	X	X
6 = B	A	X	X	X	X	X
7 = B	A	X	X	X	X	X
8 = B	A	X	X	X	X	X
9 = B	A	X	X	X	X	X
A = B	A	X	X	X	X	X

- NOTES : CHARACTERISTICS
1. PHYSICAL:
 - 1.1 CONTACT :-
 - 1.1.1 CONTACT MATERIAL: PHOSPHOR BRONZE
 - 1.1.2 CONTACT PLATING: GOLD IN MATING AREA, PURE TIN PLATED IN TAIL
 - 1.1.3 CONTACT SPACING : 2.54MM PITCH
- 1.2 INSULATOR:-
 - 1.2.1 INSULATOR MATERIAL : PBT, UL FLAMMABILITY RATING 94 V-0 GREY, OR EQUIVALENT.

2. ELECTRICAL:
 - 2.1 CURRENT RATING : 1AMP
 - 2.2 VOLTAGE RATING : 380 VAC (RMS)
 - 2.3 DIELECTRIC WITHSTANDING VOLTAGE : 1,000 RMS FOR ONE MIN.
 - 2.4 INSULATION RESISTANCE : 5,000 M OHM MIN.
 - 2.5 CONTACT RESISTANCE : 15M OHM MAX AT 1 ADC
 - 2.6 CONTACT RESISTANCE MAX INCREASE 10m OHM AFTER HEAT AGING.
3. ENVIRONMENT:
 - 3.1 OPERATION TEMPERATURE: -65°C TO +125°C
4. ACCOMMODATED CABLE
 - 4.1 CONDUCTOR: AWG 24-26

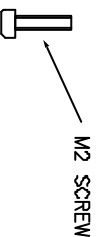
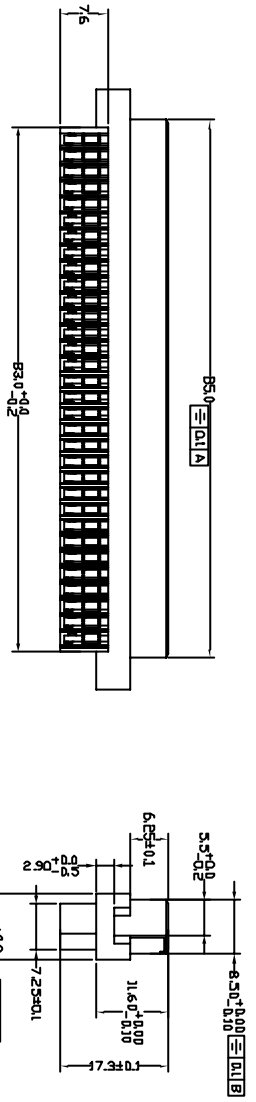
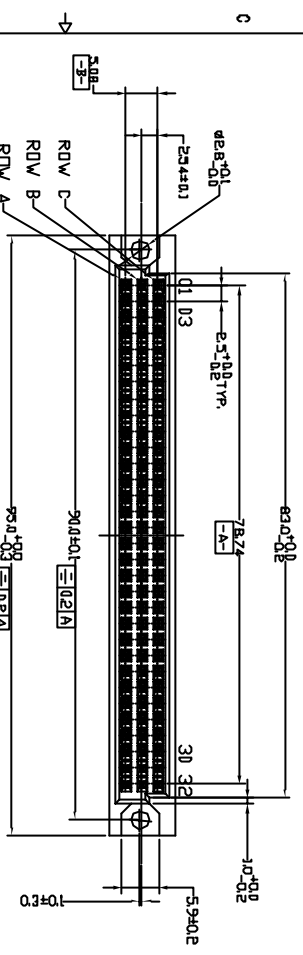
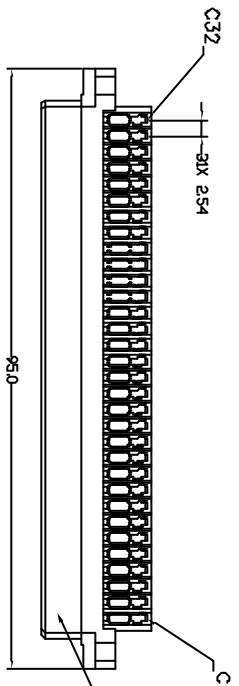
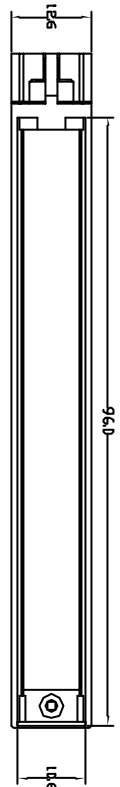
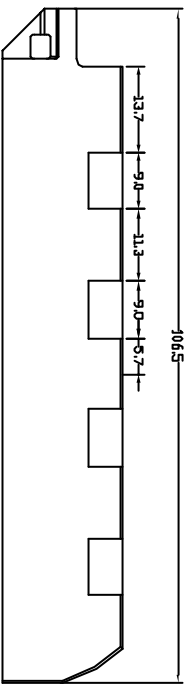
UNLESS OTHERWISE SPECIFIED		APPROVAL		DATE	
TOLERANCES	US METRIC	DRAWN	JLL	02/28/01	02/28/01
US	METRIC	CHECKED	Raymond	02/28/01	02/28/01
ANGLES +/-	3°	FILE NAME	VBRAD\JING\JING039\KXJXND		
SEE DIMENSIONS AND FINISHES		ANGLE OF PROJECTION	FIRST ANGLE		
REMOVE SHARP EDGES		SCALE	NONE		
US - DIMENSIONS		SCALE	NONE		
MM - DIMENSIONS		SHEET	1 OF 3		

ID# TITLE
 IDC DIN C & SHORT FEMALE STYLE
 3 ROW CONNECTOR
 Amphenol
 Amphenol East Asia Limited
 Manufacturing Division

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REVISONS		DATE	APPROVED
SYN ENH	DESCRIPTION		
	See Sheet 1		



Have printing text of P/N and wire range in this side: C143 COXXF 9XX XXX 24/26 at the "C" row

C-TYPE

CUSTOMER DRAWING

Amphenol

Amphenol East Asia, Limited
Manufacturing Operation

UNLESS OTHERWISE SPECIFIED	APPROVAL	DATE	TITLE
TOLERANCES	DRAWN	02/29/01	IDC DIN C & SHORT FEMALE STYLE
US METRIC	CHECKED	09/24/01	3 ROW CONNECTOR
FRACTIONS +/-	FILE NAME		
ANGLES +/-	ANGLE OF PROJECTION		
SEE NOTES	REMOVE SHARP EDGES		
	DIMENSIONS		
	US		
	METRIC		

SIZE DRAWING NO.	SCALE	SHEET 2 OF 3
B C C143 COXXF 9XX XXX	NONE	
REV.		
E		

