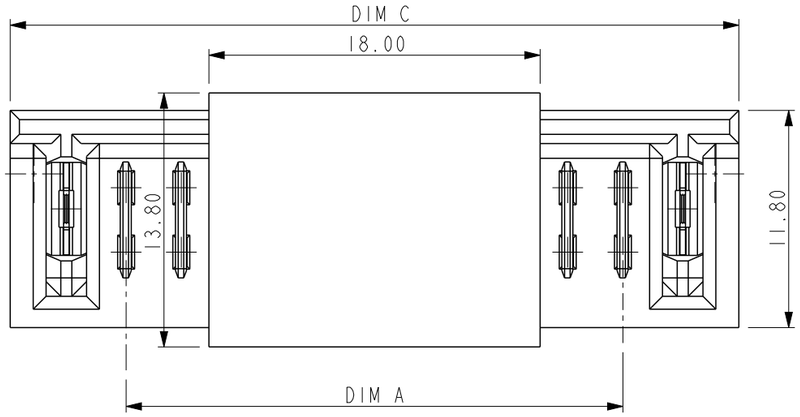
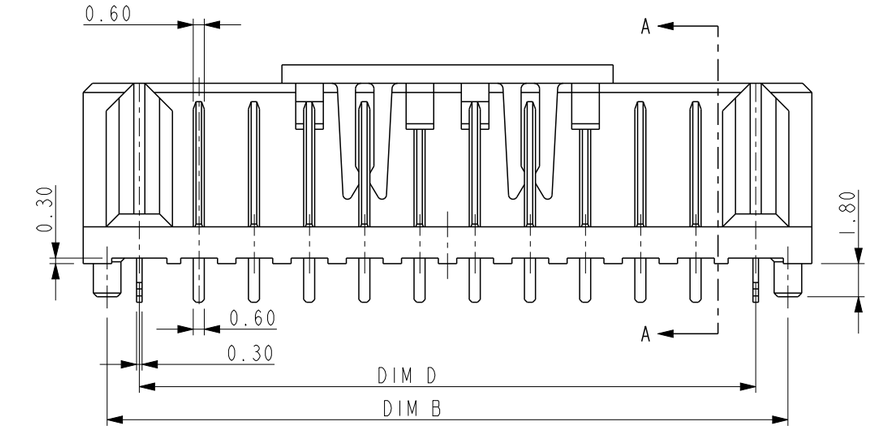
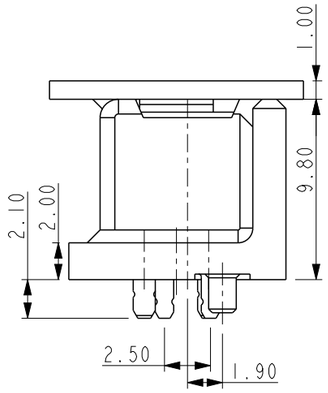
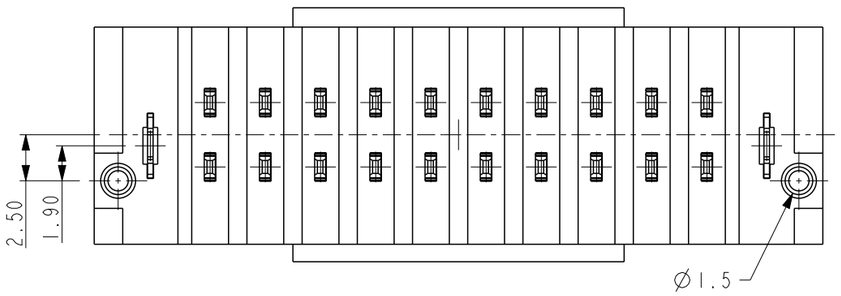
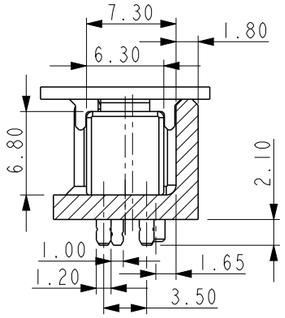
PRODUCT NO
See Product Code



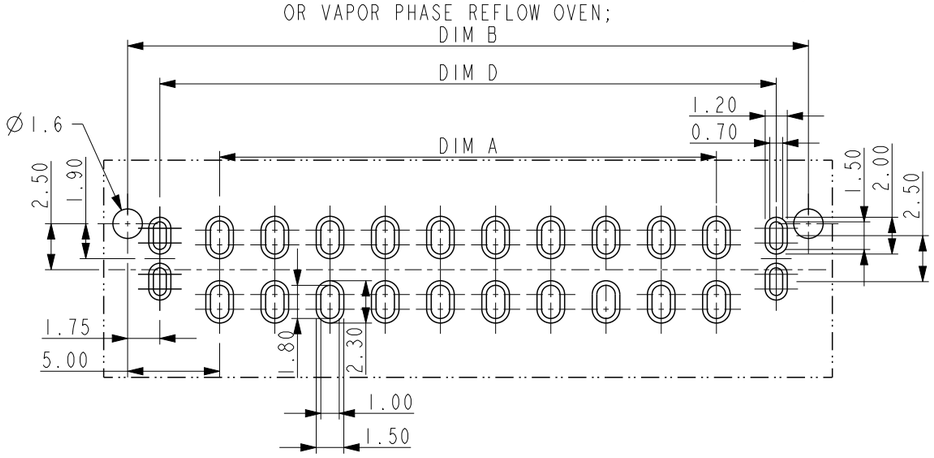








SECTION: A-A



PIN NO.	DIM A	DIM B	DIM C	DIM D
3	6.0	16.0	18.6	12.5
4	9.0	19.0	21.6	15.5
5	12.0	22.0	24.6	18.5
6	15.0	25.0	27.6	21.5
7	18.0	28.0	30.6	24.5
8	21.0	31.0	33.6	27.5
9	24.0	34.0	36.6	30.5
10	27.0	37.0	39.6	33.5

-NOTES-

1. ELECTRICAL:
   - 1.1 CONTACT RESISTANCE:20m OHMS MAX;
   - 1.2 DIELECTRIC WITHSTANDING VOLTAGE:250V RMS;
   - 1.3 INSULATION RESISTANCE:1000M OHMS MIN;
   - 1.4 CURRENT RATED:5A/PIN.
   - 1.5 CURRENT-CARRYING:
     - HIGHT CONDUCTIVITY COPPERIS 10A.
     - GENERAL COPPER ALLOY IS 7A.
2. MECHANICAL:
   - 2.1 MATE FORCE:1.5±0.5KG;
   - 2.2 UNMATE FORCE: 1±0.5KG;
   - 2.2 DURABILITY:200 CYCLES MIN.
   - 2.3 TERMINAL RETENTION FORCE:15N MIN.
3. ENVIRONMENT:PDF
   OPERATING TEMPERATURE:-55°C TO+105°C.
4. FINISH:
   - 4.1 TERMINAL:GXT OPTION PLATED ON CONTACT AREA,TIN ON SOLDER TAIL, NICKEL OVER ALL;
   - 4.2 HOLD DOWN: TIN AND NICKEL OVER ALL.
5. MATERIAL:
   - 5.1.HOUSING & CAP: THERMAL PLASTIC,UL94V-0,BLACK;
   - 5.2.TERMINAL:GENERAL COPPER ALLOY, T=0.6MM;
   - 5.3 HOLD DOWN: STAINLESS STEEL, T=0.30MM.
6. PRODUCT SPECIFICATION: GS-12-1973.
7. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
8. THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TERMERATURE FOR 20 SECONDS IN A CONVECTION,INFRO-RED OR VAPOR PHASE REFLOW OVEN;

Product Code:
10179680-XX X 0 XLF

- XX: POS NO.
  - 3P-03
  - 4P-04
  - :
  - 10P-10
- X:
  - 0: HIGH CONDUCTIVITY COPPER
  - 1: GENERAL COPPER ALLOY
- 0
- XLF: Contact Area Plating
  - 1: 30 GXT
  - 2: 15 GXT
  - 3: GOLD FLASH

spec ref				dr	Mike Zhou	2024/09/30	projection	mm
tolerance std Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Li-Qing Lei	2024/11/13		
				chr	-	-		
				appr	Tim Yao	2024/11/14	product family	
surface	linear	0.X	± 0.35	Amphenol FCi	title: Header CONN VT Type Battery Connector		dwg no: 10179680	rev: C
		0.XX	± 0.25					
		0.XXX	± 0.15					
	angular	0°	± °	amphenol-icc.com	cat. no.		Product - Customer Drw	sheet 1 of 1

size	scale
A3	1:1
ecn no	ELX-N-53497-1
rel level	Released

© 2020 Amphenol Corporation

Creo File:ELX-WC-A3C,REV F,2020-12-21

PDS: Rev :C

STATUS:Released

Printed: Nov 14, 2024