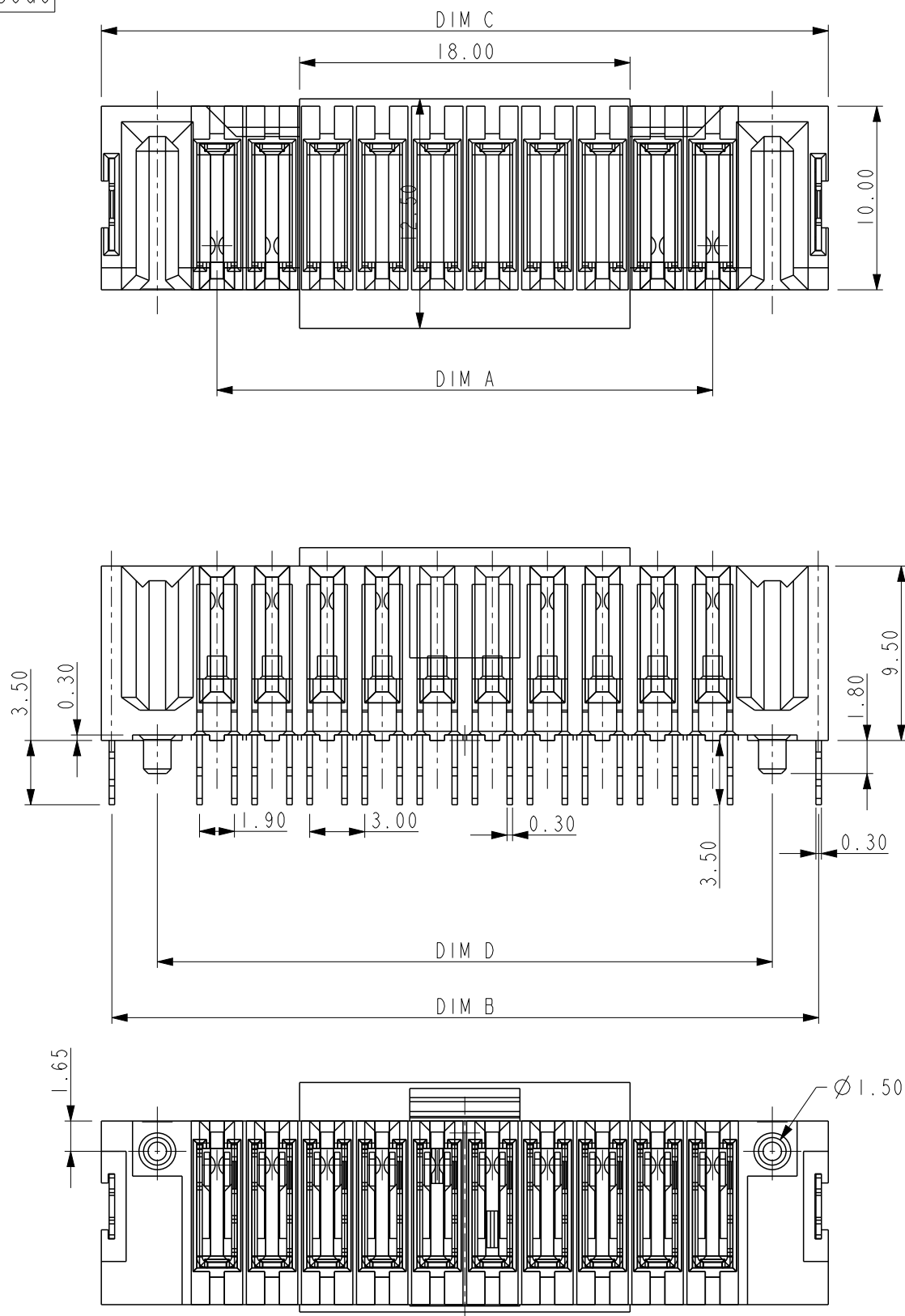


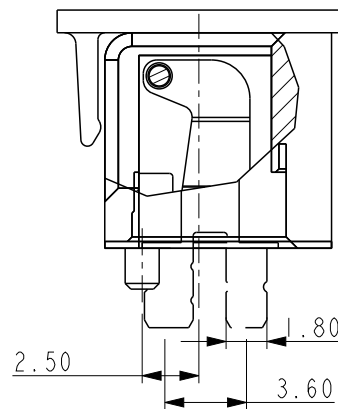
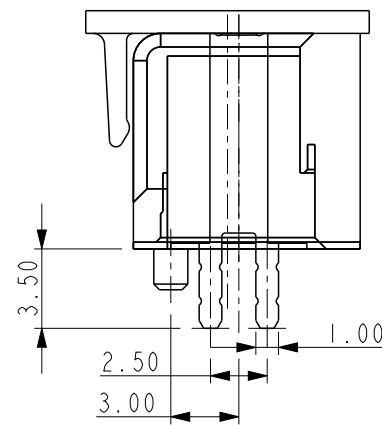
PRODUCT NO
See Product Code



Product Code:
10179681-XX X 0 XLF

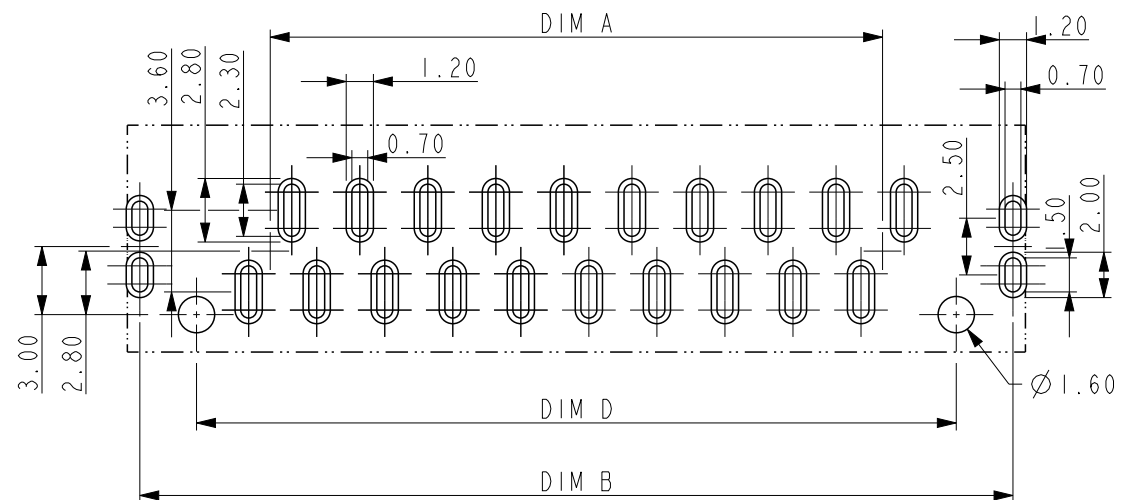
Contact Area Plating
1: 30 GXT
2: 15 GXT
3: GOLD FLASH
0: HIGH CONDUCTIVITY COPPER ALLOY
1: GENERAL COPPER ALLOY

POS NO.
3P-03
4P-04
10P-10



PIN NO.	DIM A	DIM B	DIM C	DIM D
3	6.0	17.5	18.6	12.5
4	9.0	20.5	21.6	15.5
5	12.0	23.5	24.6	18.5
6	15.0	26.5	27.6	21.5
7	18.0	29.5	30.6	24.5
8	21.0	32.5	33.6	27.5
9	24.0	35.5	36.6	30.5
10	27.0	38.5	39.6	33.5

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



spec ref	dr	Mike Zhou	2024/10/07	projection	mm	size	A3	scale	1:1
tolerance std	eng	Li-Qing Lei	2024/11/13	chr	-	ecn no	ELX-N-53500-1	rel level	Released
Y14.5	appr	Tim Yao	2024/11/14	product family		rel level			
surface	linear	0.X	±0.35	Amphenol FCI	title	Receptacle CONN VT Type	dwg no	10179681	rev
		0.XX	±0.25	amphenol-icc.com		Battery Connector			B
	angular	0°	±°		cat. no.		Product - Customer Drw	sheet 1 of 1	