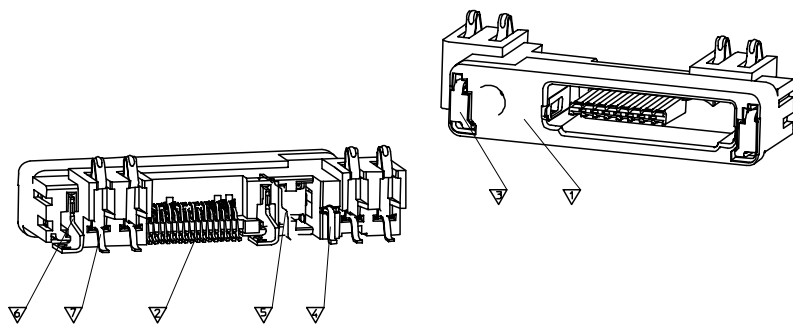
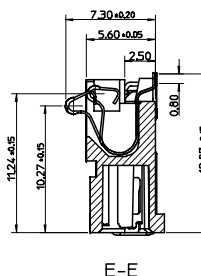




RECOMMENDED PCB LAYOUT



NOTES:

1. COPLANARITY: ALL SMT TAILS TO LIE WITHIN A COPLANARITY BAND OF -0.05 TO -0.15 FROM DATUM 'A'.
SEE COPLANARITY SENSE DIRECTION.
DATUM 'A' IS TO BE TAKEN AS THE PLANE OF A METAL BLOCK ON WHICH DATUM 'A' IS A REST.
2. PACKAGING: TAPE AND REEL. SEE DRAWING SD-91403-005
3. LEAD FLATNESS: 0.1 FOR ALL SMT TAILS
4. TEXT TO BE LASER PRINTED
5. GATING VESTIGE MARK NOT TO PROTRUDE PAST DATUM A
6. TEXT: PART NO./XK ID./ CAVITY ID./ TO BE 10 HIGH AND 0.1 MAX

	COMPONENT	DESCRIPTION	QTY
▽	HOUSING	45% GLASS FILLED NYLON 46 (RATED UL94 V-0), COLOUR BLACK,	1
▽	SIGNAL CONTACT	MATERIAL: 0.20 REF. THK. PHOSPHOR BRONZE. PLATING: 127um MIN. NICKEL UNDERCOAT ALL OVER. 0.1um MIN. GOLD OVER 10um MIN. PALLADIUM NICKEL ON CONTACT AREA. 3.0um MIN. TIN IN SOLDER TAIL AREA (ALL SIDES).	16
▽	CHARGER PADS/ SMT RETENTION NAILS	MATERIAL: 0.30 REF. THK. PHOSPHOR BRONZE. PLATING: 127um MIN. NICKEL UNDERCOAT OVERALL. 0.1um MIN. GOLD FLASH OVER 10um MIN. PALLADIUM NICKEL IN CONTACT AREA. 3.0um MIN. Sn IN SOLDER TAIL AREA (ALL SIDES).	2
▽	DC PIN	MATERIAL: 0.65 REF. THK. COPPER ALLOY PLATING: 127um MIN. NICKEL UNDERCOAT ALL OVER. 3-4um NICKEL IN CONTACT AREA. 3.0um MIN. TIN IN SOLDER TAIL AREA.	1
▽	DC BEAM	MATERIAL: 0.28 REF. THK. BERYLLIUM COPPER. PLATING: 0.25um MIN. NICKEL UNDERCOAT ALL OVER. 2-3um NICKEL UNDER 3um MIN SILVER, ONE SIDE ONLY 3.0um MIN. TIN IN SOLDER TAIL AREA (ALL SIDES).	1
▽	LOCKING LATCHES	MATERIAL: 0.30 REF. THK. STAINLESS STEEL. PLATING: 3-5um TIN OVER 127 -250um NICKEL UNDERCOAT ALL OVER.	2
▽	BATTERY CONTACT	MATERIAL: 0.17 REF. THK. PHOSPHOR BRONZE. PLATING: 127um MIN. NICKEL UNDERCOAT OVERALL. 0.10um MIN. GOLD FLASH OVER PALLADIUM-NICKEL (80/20) 1.0-1.5um ON CONTACT AREA. 3.0um MIN. Sn IN SOLDER TAIL AREA.	4

REMOVE LEAD FROM PLATING EC NO. E2004-0574 DRAWN: DARTON 04/02/26 CHK: CHIK APPR:	QUALITY SYMBOLS MAJOR CRITICAL C	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION DIMENSIONS: ☐ INCH ☒ MM ☐ ONLY SHIT REV REVISE ON CAD ONLY	
			mm	INCH	DRAWN BY & DATE		TITLE:
		4 PLACES +---	---		dcarton 00.07.19		MOBILE PHONE I/O CONNECTOR
		3 PLACES +---	---		CHECKED BY & DATE		
		2 PLACES +0.05	---		jhorgan 99.08.10		
		1 PLACE +0.10	---		APPROVED BY & DATE		
				ANGULAR: + 1/2°	white 99.08.10		MOLEX INCORPORATED
			CAD FILENAME	MATERIAL NO. 91403-0001	DRAWING NO. SD-91403-001	SHEET NO. 1 of 1	
REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.			SIZE D