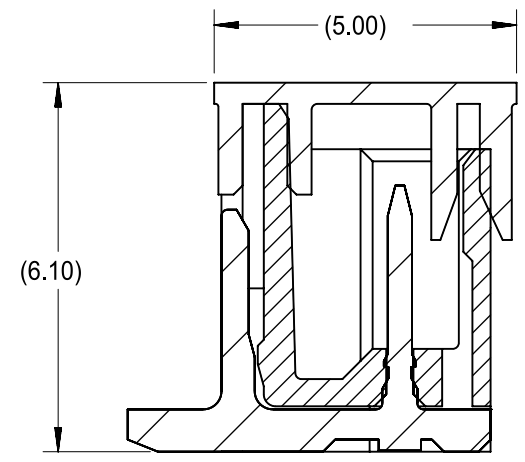
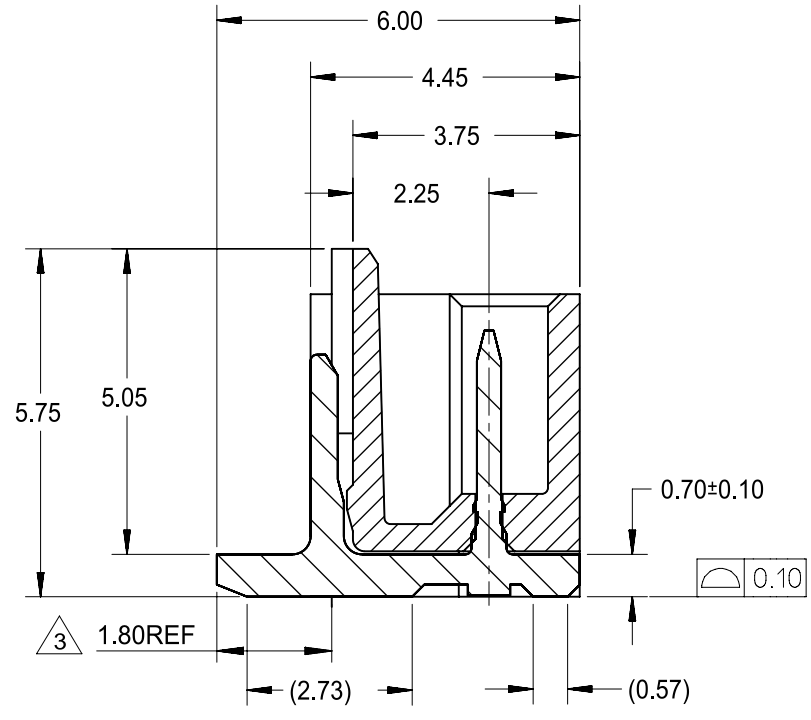
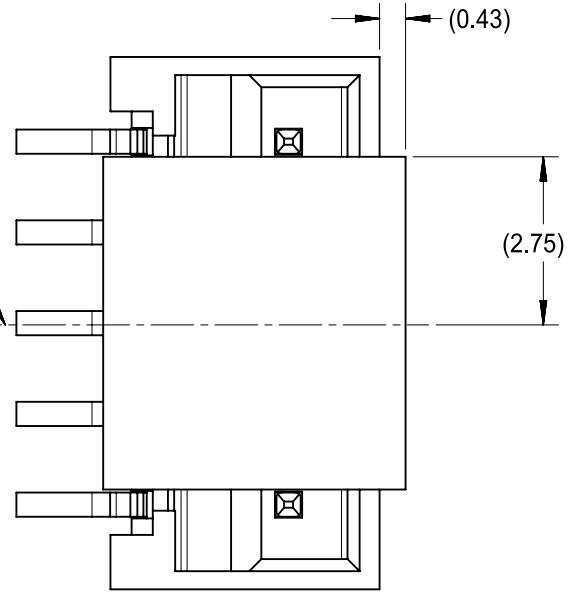
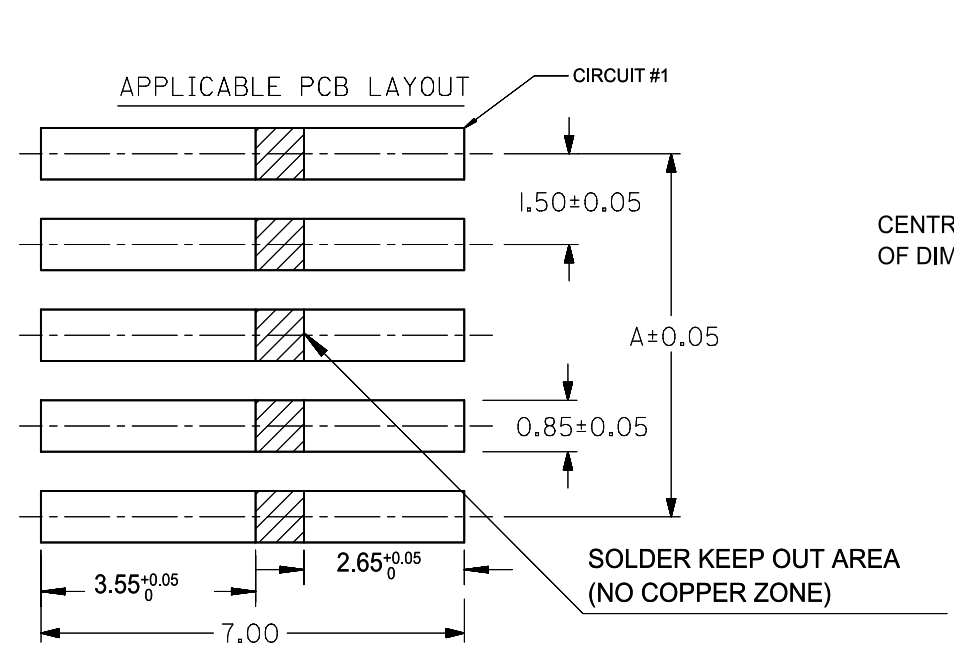
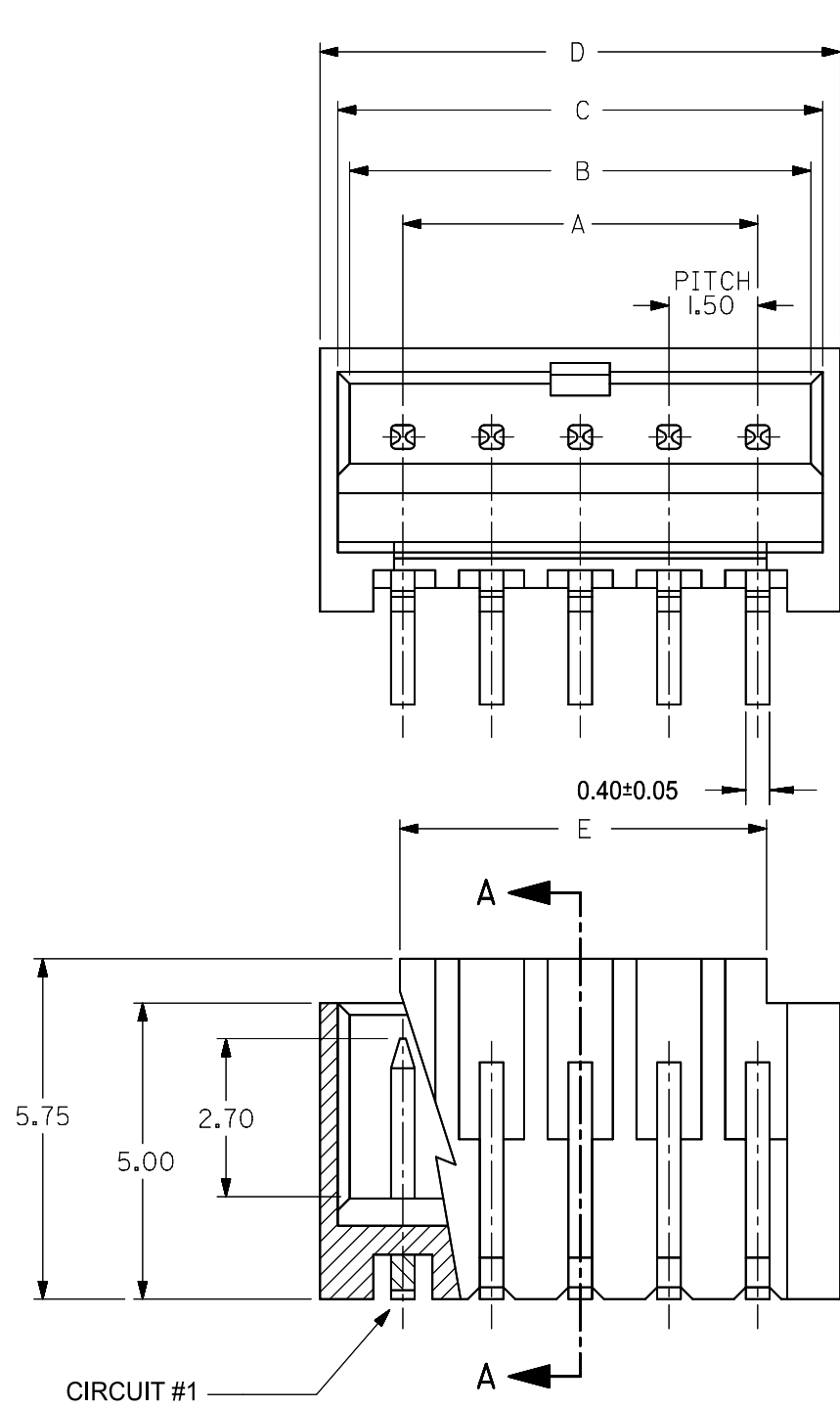




- NOTES:
- MATERIAL:
HOUSING: GLASS FILLED LIQUID CRYSTAL POLYMER,
UL94 V-O,
COLOR - SEE TABLE.
CAP: NYLON, GLASS FILLED,UL94V-0
COLOR: BEIGE.
PINS: BRASS ALLOY, C26000.
 - PLATING: 2.54µM. MIN. MATTE TIN OVER 1.27µM MIN. NICKEL.EXCEP AT
CUT-EDGE WHERE THICKNESS CAN BE 1.90µM MIN.
 - CUT EDGE TIN MEASUREMENT POINTS.
 - DRAWING SHOWS PLUG WITH 5 CIRCUITS.
 - HEADER TO BE USED WITH CRIMP HOUSING, P/N 87439
AND CRIMP TERMINAL, P/N 87421.

SECTION A-A
(WITHOUT CAP)

SECTION A-A
(WITH CAP)

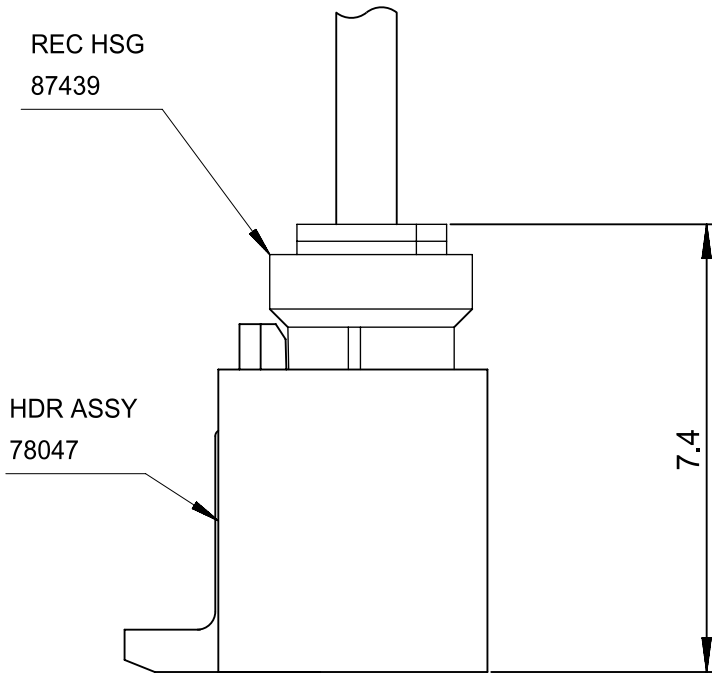
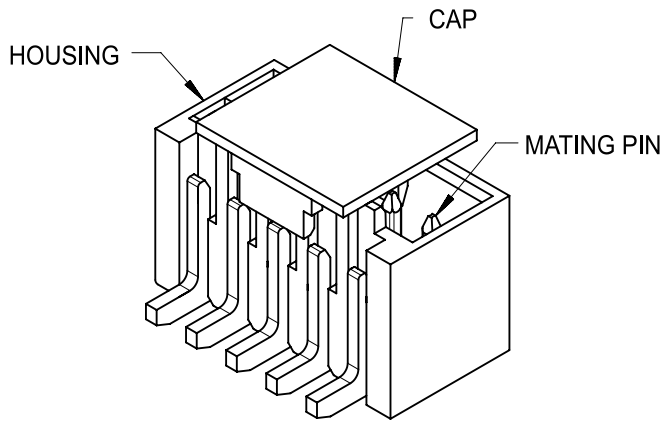
GENERAL TOLERANCES (UNLESS SPECIFIED)					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
0.25 UNDER ± 0.03					DIMENSION UNITS mm		SCALE 1:1		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516676				molex 1.50MM PITCH, W-T-B HEADER, VERTICAL, SMT					
0.25 OVER 0.5 UNDER ± 0.05					GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 3° 4 PLACES ± 0.20000 3 PLACES ± 0.2000 2 PLACES ± 0.200 1 PLACE ± 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS													
0.5 OVER 1.0 UNDER ± 0.1																		
1.0 OVER 10 UNDER ± 0.20																		
10 OVER 30 UNDER ± 0.20																		
30 OVER ± 0.20					STATUS: Production													
ANGULAR ± 3 °					DRWN: Sampreet S Mirajkar 2026-04-18				DOCUMENT NUMBER SD-78047-001				DOC TYPE PSD		DOC PART 001		REVISION F4	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					CHK'D: Ganesh Rao B 2026-05-06													
					APPR: Gurunandan GA 2026-05-06													
					THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
							A3-SIZE		78047		SEE TABLE		GENERAL MARKET		1 OF 5			

molex

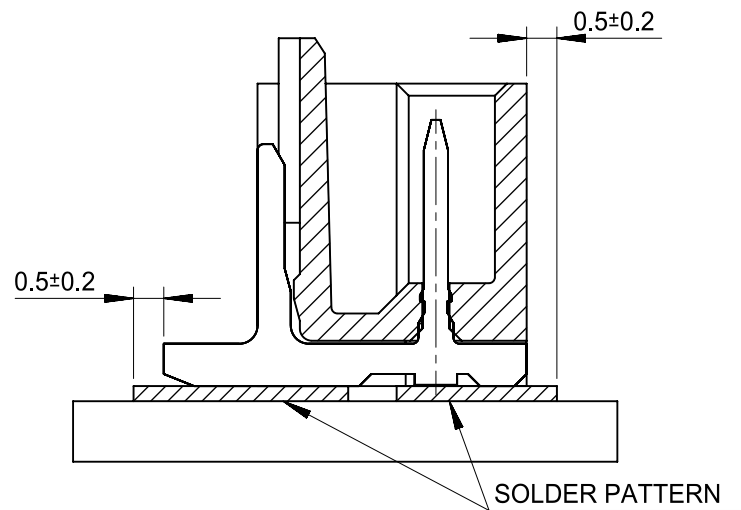
1.50MM PITCH, W-T-B
HEADER, VERTICAL, SMT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER
SD-78047-001
DOC TYPE
PSD
DOC PART
001
REVISION
F4



嵌合状態図
MATED CONNECTORS



MOUNTING POSITION OF THE CONNECTOR

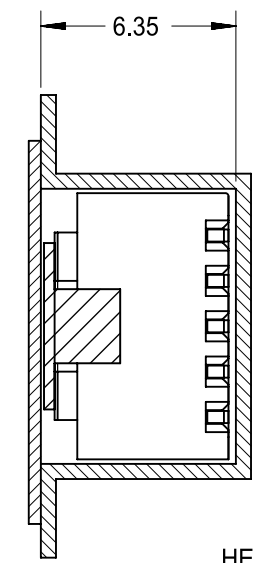
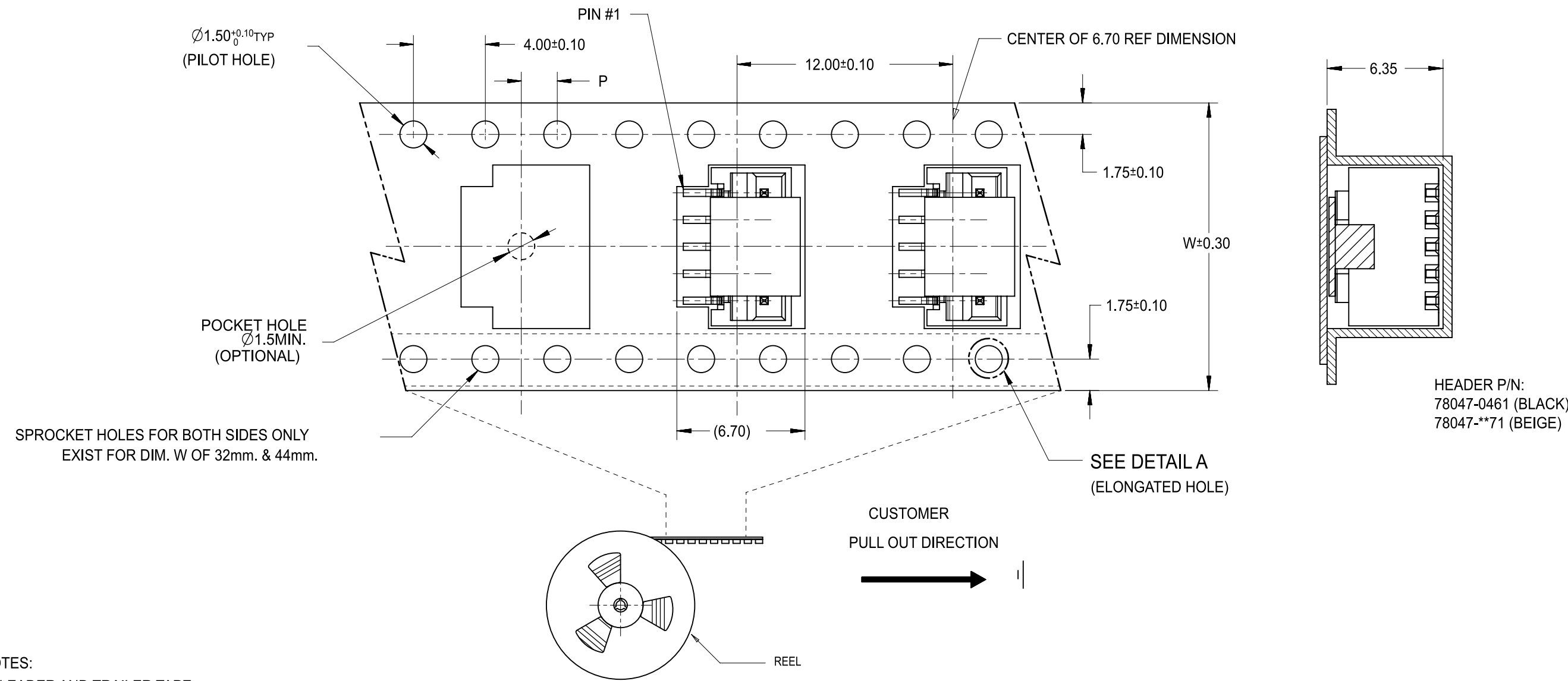
PART NUMBER ASSIGNMENT

78047-XXXX	2-TUBE PACKAGING
	3- TAPE AND REEL PACKAGING
	4- TAPE AND REEL PACKAGING WITH SPOCKET HOLE
	4- BEIGE COLOR HSG
	5- BLACK COLOR HSG
	6- BLACK COLOR HSG
	7- BEIGE COLOR HSG
	02 TO 15 CIRCUIT SIZE

(PLEASE CONTACT MOLEX FOR OTHER PART NUMBER REQUEST)

GENERAL TOLERANCES (UNLESS SPECIFIED)					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
0.25 UNDER		± 0.03			mm		SCALE 1:1		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516676				molex											
0.25 OVER 0.5 UNDER		± 0.05			GENERAL TOLERANCES (UNLESS SPECIFIED)																			
0.5 OVER 1.0 UNDER		± 0.1			ANGULAR TOL ± 3°								1.50MM PITCH, W-T-B HEADER, VERTICAL, SMT											
1.0 OVER 10 UNDER		± 0.20			4 PLACES ± 0.20000																			
10 OVER 30 UNDER		± 0.20			3 PLACES ± 0.2000																			
30 OVER		± 0.20			2 PLACES ± 0.200																			
ANGULAR ± 3 °					1 PLACE ±																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					0 PLACES ±								STATUS: Production DRWN: Sampreet S Mirajkar 2026-04-18 CHK'D: Ganesh Rao B 2026-05-06 APPR: Gurunandan GA 2026-05-06				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
											A3-SIZE						78047		SEE TABLE		GENERAL MARKET		2 OF 5	
													SD-78047-001		PSD		001		F4					

EMBOSSED CARRIER TAPE PACKING DETAILS FOR PARTS WITH CAP



HEADER P/N:
78047-0461 (BLACK)
78047-**71 (BEIGE)

- NOTES:
- LEADER AND TRAILER TAPE
160MIN. TOP TAPE TRAILER
390 MIN TOP TAPE
160MIN. TAIL PART (EMPTY)
230MIN. LEADER PART (EMPTY)
PULL OUT DIRECTION
 - PEELING OFF FORCE OF THE TOP TAPE: 20-80gf.
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)
15° MAX.
PEEL OFF DIRECTION
PULL OUT DIRECTION
 - THE TAPE IS TREATED FOR ANTI-STATIC.
 - PACKAGING STANDARD IS AS PER EIA-481.
5. TAPE & REEL QUANTITY = 1000PCS/REEL (WITHOUT CAP)
TAPE & REEL QUANTITY = 900PCS/REEL (WITH CAP)

12	32	14.20±0.10	100	32.40	38.40	2.00±0.10
6	16	7.50±0.10	100	16.40	22.40	2.00±0.10
CIRCUIT SIZE		W	F	N	G	T MAX
						P

GENERAL TOLERANCES (UNLESS SPECIFIED)					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
					DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516676				molex 1.50MM PITCH, W-T-B HEADER, VERTICAL, SMT					
					mm		1:1											
					GENERAL TOLERANCES (UNLESS SPECIFIED)													
					ANGULAR TOL ± 3°													
0.25 UNDER ± 0.03					4 PLACES ± 0.20000													
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0.5 OVER 1.0 UNDER ± 0.1					2 PLACES ± 0.200													
1.0 OVER 10 UNDER ± 0.20					1 PLACE ±													
10 OVER 30 UNDER ± 0.20					0 PLACES ±													
30 OVER ± 0.20					THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
ANGULAR ± 3 °					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				A3-SIZE		78047		SEE TABLE		GENERAL MARKET		5 OF 5	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																		