



- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 30µIN MIN GOLD IN CONTACT AREA, SELECTIVE TIN ON PCB TAILS, NICKEL OVERALL.
 3. REFER TO MOLEX PRODUCT SPEC PS-76060-999 FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
 4. EACH SIGNAL WAFER CONTAINS 2 COLUMNS OF TERMINALS.
 5. PRODUCT IS PACKAGED PER PK-70873-589.
 6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
 7. REFER TO MOLEX SALES DRAWING SD-76145-002 FOR THE MATING HEADERS AND SD-76560-002 FOR THE MATING RAM CONNECTORS.
 8. REFER TO MOLEX ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
 9. PART NUMBER 76150-3020 SHOWN ON DRAWING. KEYING FEATURES WILL CHANGE WITH COLUMN SIZE.
 10. MINIMUM BOARD THICKNESS IS 1.00 mm FOR COMPLIANT PIN FUNCTIONALITY.
 11. WHEN USING MOLEX SUPPLIED #2-32 SCREW 73726-0000 (9.50mm ±0.38 THREADABLE SCREW LENGTH), THE MAXIMUM BOARD THICKNESS IS 4.4mm.
 12. MARKING: LOCATED APPROXIMATELY AS SHOWN. PART NUMBER AND DATE CODE.

DAUGHTERCARD HOLE PATTERN (CONNECTOR SIDE)

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: MIGRATED TO NX	
mm	NTS		
GENERAL TOLERANCES (UNLESS SPECIFIED)			
ANGULAR TOL	± 0.5°	EC NO: 622829	
4 PLACES	±	DRWN: PKH	2019/08/22
3 PLACES	±	CHK'D: BOKOK	2019/08/29
2 PLACES	± 0.13	APPR: SHONG	2019/08/30
1 PLACE	± 0.25	INITIAL REVISION:	
0 PLACES	±	DRWN: MCARRANZA	2007/06/11
		APPR: JLAURX	2008/04/24
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES
		C-SIZE	76150

molex

IMPACT 100 OHM DC
6 PAIR SIGNAL MODULE GUIDE LEFT SALES DWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-76150-002	PSD	001	H3
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
SEE CHART	GENERAL MARKET	1 OF 2	

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A" MAX	DIM "B"	PTH ϕ
76150-**10	10	60	26.60	17.10	0.46 ± 0.05
76150-**14	14	84	34.20	24.70	
76150-**16	16	96	38.00	28.50	
76150-**20	10	60	26.60	17.10	0.39 ± 0.05
76150-**24	14	84	34.20	24.70	
76150-**26	16	96	38.00	28.50	

76150-****

3 = LEFT GUIDED LEAD-FREE

POLARIZATION KEY ORIENTATION

0 = NO KEY

1 = A 5 = E
 2 = B 6 = F
 3 = C 7 = G
 4 = D 8 = H

OF COLUMNS

10 = 10 COL 0.46 PTH
 14 = 14 COL 0.46 PTH
 16 = 16 COL 0.46 PTH
 20 = 10 COL 0.39 PTH
 24 = 14 COL 0.39 PTH
 26 = 16 COL 0.39 PTH

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DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED TO NX				molex	
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 622829				IMPACT 100 OHM DC 6 PAIR SIGNAL MODULE GUIDE LEFT SALES DWG	
ANGULAR TOL $\pm 0.5^\circ$				DRWN: PKH 2019/08/22					
4 PLACES \pm				CHK'D: BOKOK 2019/08/29					
3 PLACES \pm				APPR: SHONG 2019/08/30				PRODUCT CUSTOMER DRAWING	
2 PLACES ± 0.13				INITIAL REVISION:				DOCUMENT NUMBER	
1 PLACE ± 0.25				DRWN: MCARRANZA 2007/06/11				SD-76150-002	
0 PLACES \pm				APPR: JLAURX 2008/04/24				DOC TYPE DOC PART REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SHEET NUMBER	
						C-SIZE		2 OF 2	
				SERIES		MATERIAL NUMBER		CUSTOMER	
				76150		SEE CHART		GENERAL MARKET	

DOCUMENT STATUS	P1	RELEASE DATE	2019/08/30	15:04:20
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