



- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 30µN 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-76145-003 FOR THE MATING HEADERS AND SD-76560-004 FOR THE MATING RAM CONNECTORS.
 8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
 9. PART NUMBER 76150-5120 SHOWN ON DRAWING. KEY 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.

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:	621141
4 PLACES	±	DRWN:	SKRISHNAMU01 2019/07/23
3 PLACES	±	CHK'D:	PRAMASWAMY 2019/07/23
2 PLACES	± 0.13	APPR:	SHONG 2019/07/26
1 PLACE	± 0.25	INITIAL REVISION:	
0 PLACES	±	DRWN:	MCARRANZA 2007/06/12
		APPR:	JLAURX 2008/04/24
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES
		C-SIZE	76150
DOCUMENT STATUS		DOCUMENT NUMBER	DOC TYPE
P1	RELEASE DATE 2019/07/26 14:36:31	SD-76150-004	PSD
		CUSTOMER	DOC PART
		GENERAL MARKET	001
		SHEET NUMBER	H2
			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-*** **

5 = RIGHT GUIDED LEAD-FREE

OF COLUMNS

POLARIZATION KEY ORIENTATION

0 = NO KEY

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

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

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		molex		
mm	NTS					
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 621141		IMPACT 100 OHM DC		
ANGULAR TOL	$\pm 0.5^\circ$	DRWN: SKRISHNAMU01	2019/07/23	6 PAIR SIGNAL MODULE GUIDE RIGHT SALES DWG		
4 PLACES	\pm	CHK'D: PRAMASWAMY	2019/07/23	PRODUCT CUSTOMER DRAWING		
3 PLACES	\pm	APPR: SHONG	2019/07/26	DOCUMENT NUMBER		
2 PLACES	± 0.13	INITIAL REVISION:		SD-76150-004		
1 PLACE	± 0.25	DRWN: MCARRANZA	2007/06/12	DOC TYPE	DOC PART	REVISION
0 PLACES	\pm	APPR: JLAURX	2008/04/24	PSD	001	H2
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
		C-SIZE	76150	SEE CHART	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2019/07/26 14:36:31
-----------------	----	--------------	---------------------