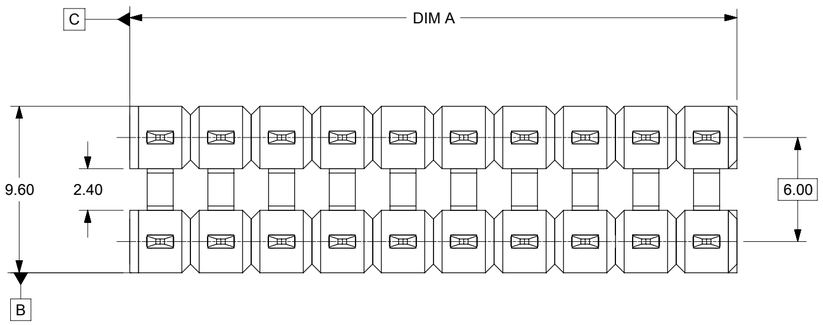
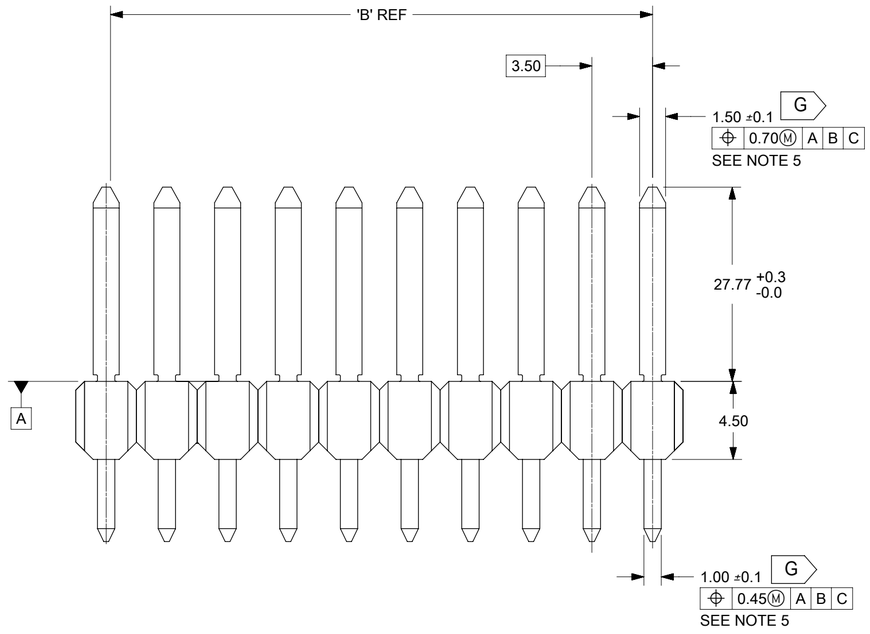
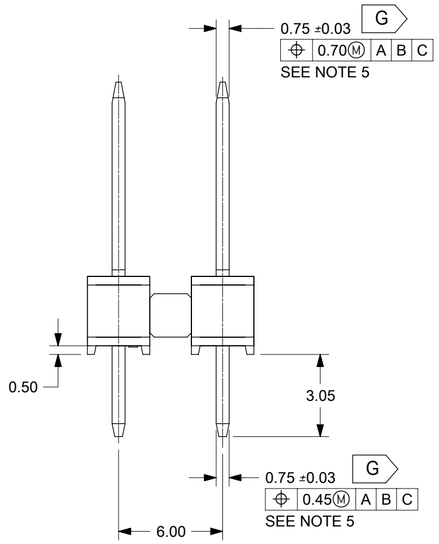
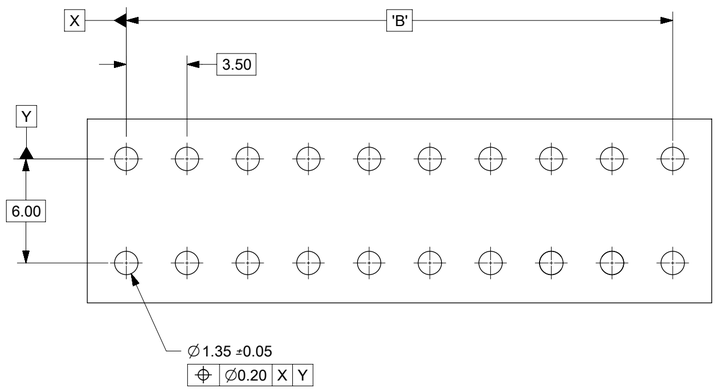








RECOMMENDED PCB LAYOUT

NOTES:
1. TERMINAL MAT'L: ALLOY C26000, CARTRIDGE BRASS
2. WAFER MAT'L: 30% GLASS FILLED LCP, 94V-0, COLOR BLACK.
3. TERMINAL PLATING:
   OPTION 4 - 1.5µm MIN MATTE TIN OVERALL OVER 1.25µm NICKEL OVERALL
   OPTION 1 - 2.5µm MIN MATTE TIN OVERALL OVER 1.25µm NICKEL OVERALL
   OPTION 2 - 1.25µm NICKEL OVERALL 2.5µm MIN SELECT MATTE TIN PC TAIL
   AREA 0.05-0.25µm SELECT GOLD CONTACT AREA
   OPTION 3 - 1.25m NICKEL OVERALL 2.5µm MIN SELECT MATTE TIN PC TAIL
   AREA 0.75µm SELECT GOLD CONTACT AREA
4. HEADER ASSEMBLIES ARE TUBE PACKAGED PER PK-36518-340.
5. ALL THE POSITIONAL TOLERANCES SHOULD BE MEASURED AT TIP OF THE TERMINALS.
6. DATUMS SHOULD BE CONSIDERED FROM THE EDGES OF THE HOUSING.
7. POSITION TOLERANCE OF PIN AT MATING SIDE SHOULD BE MAINTAINED AT 0.3MM IN THE FINAL MODULE BY CUSTOMER.
8. G DENOTES DIMENSIONS THAT CAN BE QUALIFIED WITH A GAUGE
9. BLADE GEOMETRY DOES NOT CONFORM TO USCAR SPECIFICATIONS
10. PLEASE REFER USCAR WEBSITE FOR 1.5mm DIRECT CONNECT INTERFACE (SHROUD) DETAILS
11. PLEASE REFER SD-33472-0001 FOR 2 X 10 SHROUD DETAILS

DOCUMENT STATUS	P1	RELEASE DATE	2019/10/04 12:14:05

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SYMBOLS: FA = 0; FC = 0; FP = 0; S = 0; ▼ = 0; FC = 0; ☒ = 0; ■ = 0; ▽ = 0

DIMENSION UNITS: mm
SCALE: 4:1
GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± 0.5 °
4 PLACES ±
3 PLACES ±
2 PLACES ± 0.13
1 PLACE ± 0.25
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 624897
DRWN: RYELAVATTITH 2019/09/26
CHK'D: AKUMARMS 2019/10/01
APPR: SNAYAK01 2019/10/04

INITIAL REVISION:
DRWN: DROSCA 2007/06/28
APPR: JCOMERCI 2007/07/23

THIRD ANGLE PROJECTION
DRAWING: A2-SIZE
SERIES: 75757

molex

MX150 DUAL ROW
UNSHROUDED VERTICAL HEADER ASSEMBLY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-75757-003	PSD	001	A2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 2

FORMAT: Grid-A2
REVISION: H
DATE: 2018/11/21

CKT SIZE	PLATING OPTION	MATERIAL NUMBER	STATUS	"A" DIM	"B" DIM
2 x 2	1	75757-6121	OBSOLETE	7.0	3.50 REF
	2	75757-6221	OBSOLETE		
	3	75757-6321	OBSOLETE		
	4	75757-6421			
2 x 3	1	75757-6131		10.5	7.00
	2	75757-6231	OBSOLETE		
	3	75757-6331	OBSOLETE		
	4	75757-6431			
2 x 4	1	75757-6141		14.0	10.50
	2	75757-6241	OBSOLETE		
	3	75757-6341	OBSOLETE		
	4	75757-6441			
2 x 6	1	75757-6161		21.0	17.50
	2	75757-6261	OBSOLETE		
	3	75757-6361	OBSOLETE		
	4	75757-6461	OBSOLETE		
2 x 8	1	75757-6181	OBSOLETE	28.0	24.50
	2	75757-6281	OBSOLETE		
	3	75757-6381	OBSOLETE		
	4	75757-6481	OBSOLETE		
2 x 10	1	75757-6101	OBSOLETE	35.0	31.50
	2	75757-6201	OBSOLETE		
	3	75757-6301	OBSOLETE		
	4	75757-6401	OBSOLETE		

DOCUMENT STATUS	P1	RELEASE DATE	2019/10/04 12:14:05

SYMBOLS
FA = 0
FC = 0
FD = 0
S = 0
▼ = 0
C = 0
☒ = 0
■ = 0
▽ = 0

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	0.5 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.13
1 PLACE	±	0.25
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 624897
DRWN: RYELAVATTITH 2019/09/26
CHK'D: AKUMARMS 2019/10/01
APPR: SNAYAK01 2019/10/04

INITIAL REVISION:
DRWN: DROSCA 2007/06/28
APPR: JCOMERCI 2007/07/23

THIRD ANGLE PROJECTION | DRAWING: A2-SIZE | SERIES: 75757

molex

MX150 DUAL ROW
UNSHROUDED VERTICAL HEADER ASSEMBLY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-75757-003	PSD	001	A2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 2

FORMAT: Molex_Landscape_Template_A2
REVISION: A
DATE: 2019/08/14