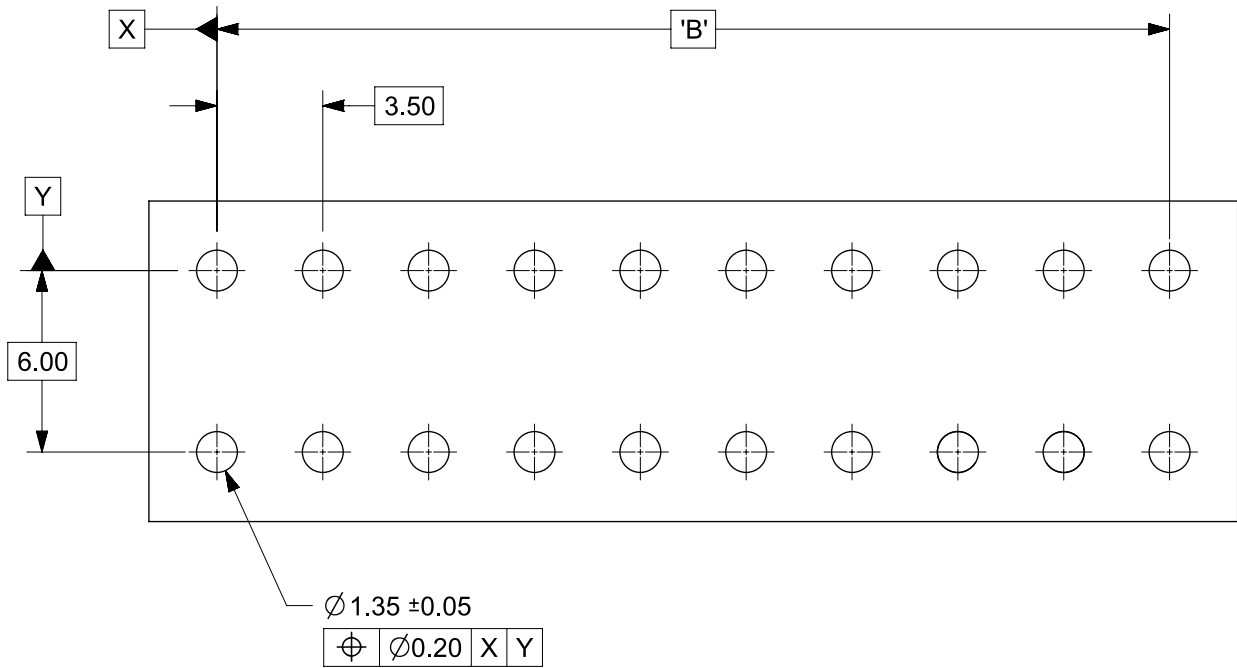
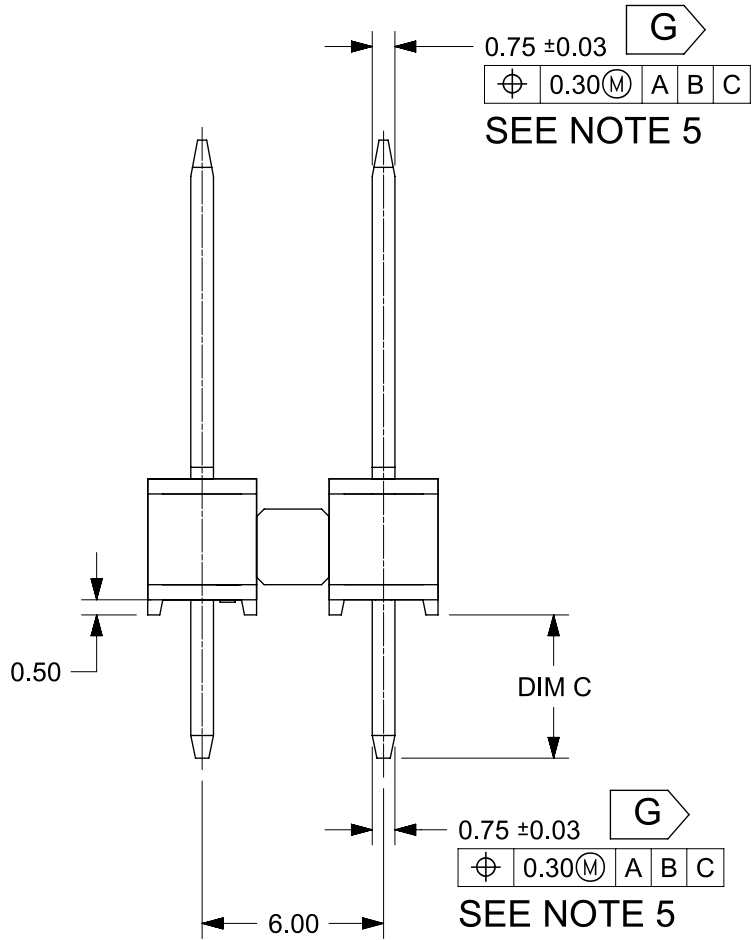
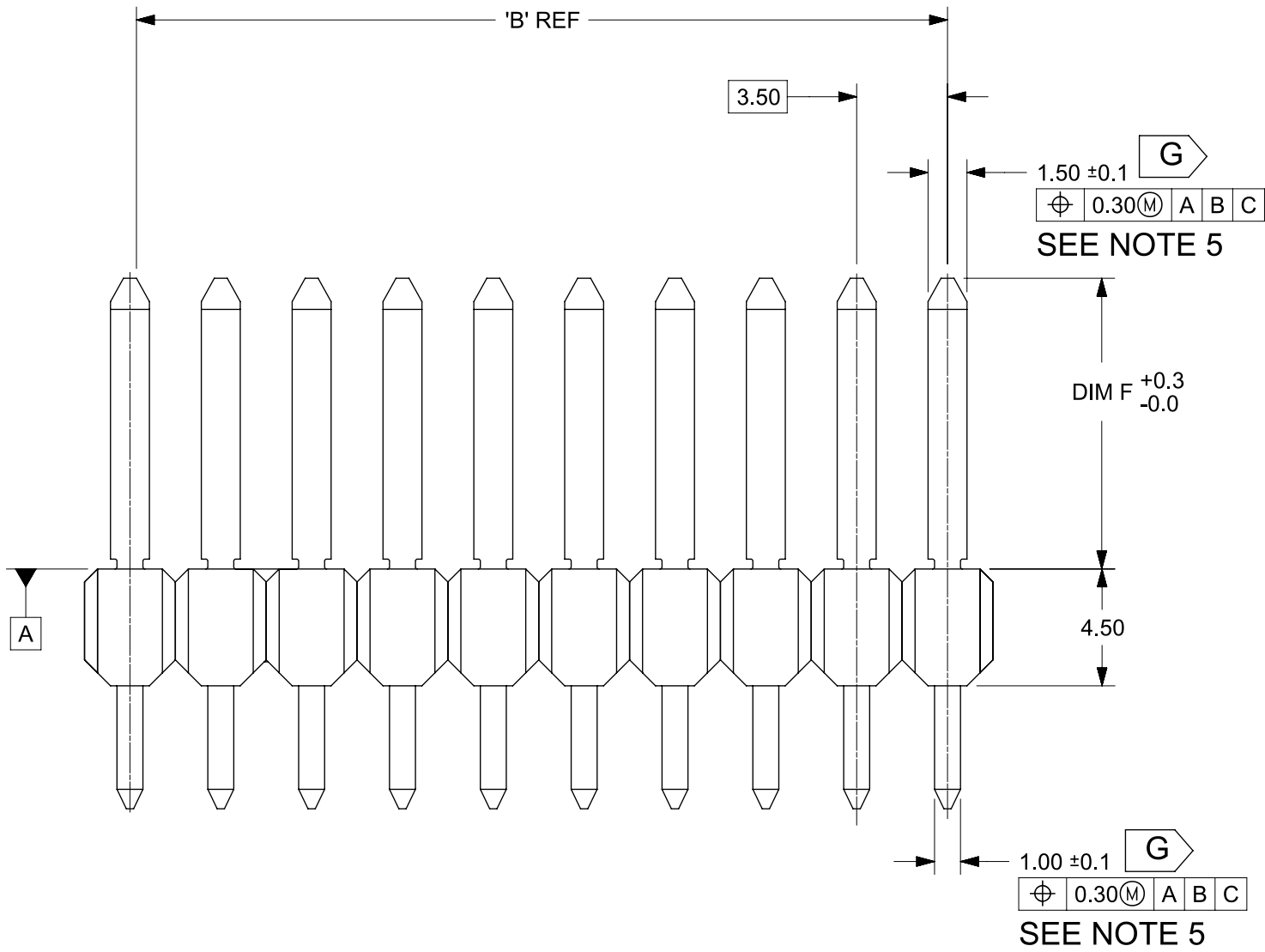
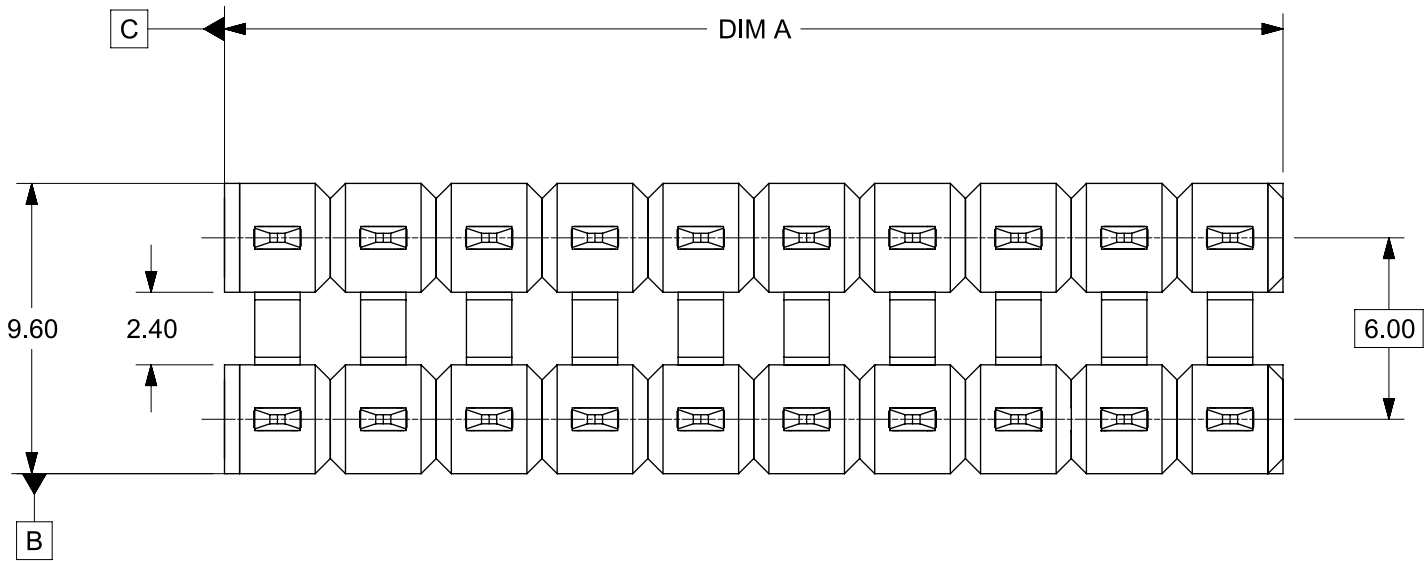
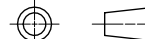




RECOMMENDED PCB LAYOUT

- 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 - 1.25m 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.

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 NUMBER AS PER PCN#515181.				molex					
mm		4:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)													
ANGULAR TOL ± 0.5°													
4 PLACES		±											
3 PLACES		±											
2 PLACES		± 0.130											
1 PLACE		± 0.25											
0 PLACES		±											
STATUS: Production DRWN: Ravindra Reddy MS CHK'D: Ganesh Rao B APPR: Gurunandan GA				2024-07-19		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
				2024-08-14		SD-75757-002		PSD		001		G6	
				2024-08-14									
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
				A2-SIZE		75757		SEE TABLE		GENERAL MARKET		1 OF 2	

2 x 2	1	75757-5121	3.05	16.09	75757-1121	3.05	11.20	7.0	3.50 REF
	2	-----			75757-1221				
	4	75757-5421			-----				
2 x 3	1	75757-5131			75757-1131			10.5	7.00
	4	75757-5431			75757-1431				
2 x 4	1	75757-5141			-----			14.0	10.50
	2	75757-5241			75757-1241				
	4	75757-5441			75757-1441				
2 x 6	1	-----			75757-1161			21.0	17.50
	2	75757-5261			75757-1261				
	3	75757-5361			-----				
	4	75757-5461			75757-1461				
2 x 8	1	-----			75757-1181			28.0	24.50
	3	75757-5381			-----				
	4	75757-5481			75757-1481				
2 x 10	1	75757-5101			75757-1101			35.0	31.50
	2	75757-5201			-----				
	3	75757-5301			-----				
	4	75757-5401			75757-1401				
CKT SIZE	PLATING OPTION	MATERIAL NUMBER	"C" DIM	"F" DIM	MATERIAL NUMBER	"C" DIM	"F" DIM	"A" DIM	"B" DIM

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

DIMENSION UNITS

mm

SCALE

1:1

GENERAL TOLERANCES
(UNLESS SPECIFIED)

ANGULAR TOL ± 0.5°

4 PLACES ±

3 PLACES ±

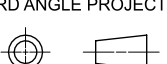
2 PLACES ± 0.130

1 PLACE ± 0.25

0 PLACES ±

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION



DRAWING

A2-SIZE

SERIES

75757

CURRENT REV DESC: REMOVED OBSOLETE PART
NUMBER AS PER PCN#515181.

STATUS: Production

DRWN: Ravindra Reddy MS 2024-07-19

CHK'D: Ganesh Rao B 2024-08-14

APPR: Gurunandan GA 2024-08-14

DOCUMENT NUMBER

SD-75757-002

DOC TYPE

PSD

DOC PART

001

REVISION

G6

PRODUCT CUSTOMER DRAWING

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 2

molex

MX150 DUAL ROW
UNSHROUDED VERTICAL HEADER ASSEMBLY

FORMAT: TCR-epsA2

REVISION: 6

DATE: 02/28/01

13

12

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1