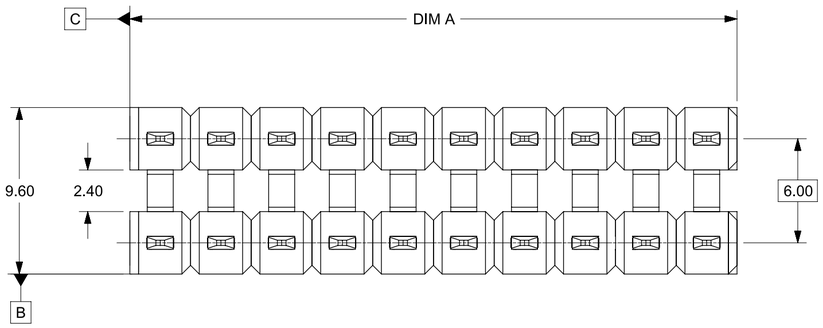
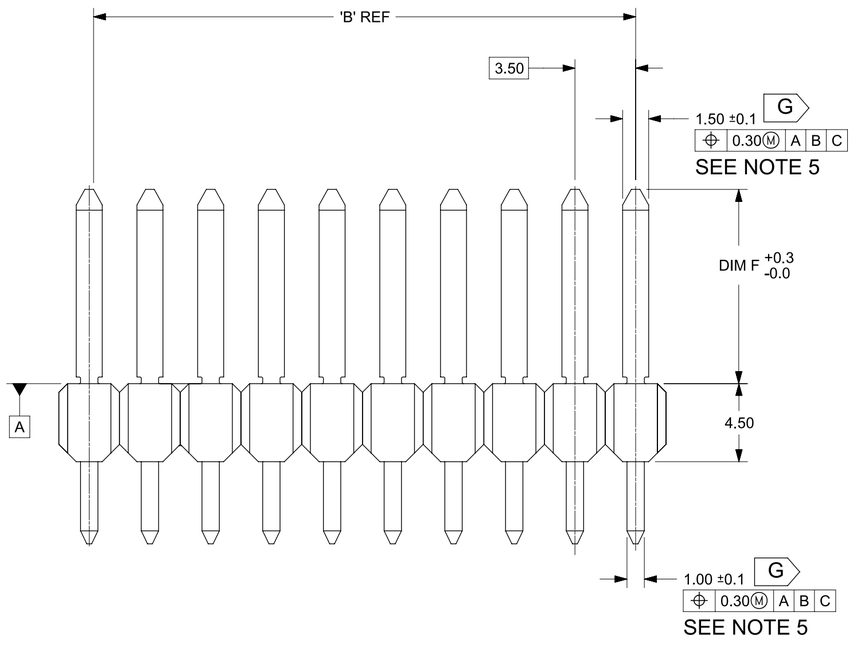
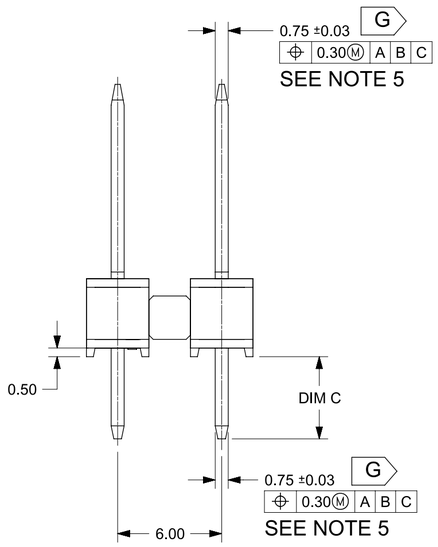
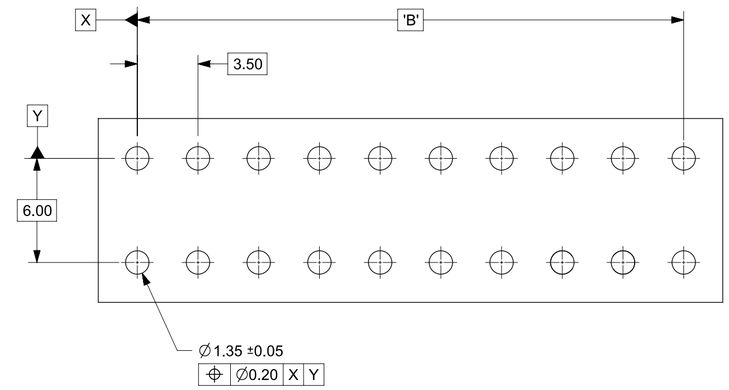






NOTES:
1. TERMINAL MAT'L: ALLOY C26000, CARTRIDGE BRASS
2. WAFER MAT'L: 30% GLASS FILLED LCP, 94V-0, COLOR BLACK.
3. TERMINAL PLATING:
   OPTION 4 - 1.5µm MIN MATTE TIN OVERALL OVER 1.25µm NICKEL OVERALL
   OPTION 1 - 2.5µm MIN MATTE TIN OVERALL OVER 1.25µm NICKEL OVERALL
   OPTION 2 - 1.25m NICKEL OVERALL 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.



RECOMMENDED PCB LAYOUT

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

DIMENSION UNITS	SCALE
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	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED 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

molex

MX150 DUAL ROW
UNSHROUDED VERTICAL HEADER ASSEMBLY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-75757-002	PSD	001	G6

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A2-SIZE	75757	SEE TABLE	GENERAL MARKET	1 OF 2

FORMAT TC-Bprint-A2
REVISION: B
DATE: 2022/08/01

CKT SIZE	PLATING OPTION	MATERIAL NUMBER	"C" DIM	"F" DIM	MATERIAL NUMBER	"C" DIM	"F" DIM	"A" DIM	"B" DIM
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				

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DIMENSION UNITS	SCALE
mm	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

CURRENT REV DESC: REMOVED OBSOLETED 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

molex

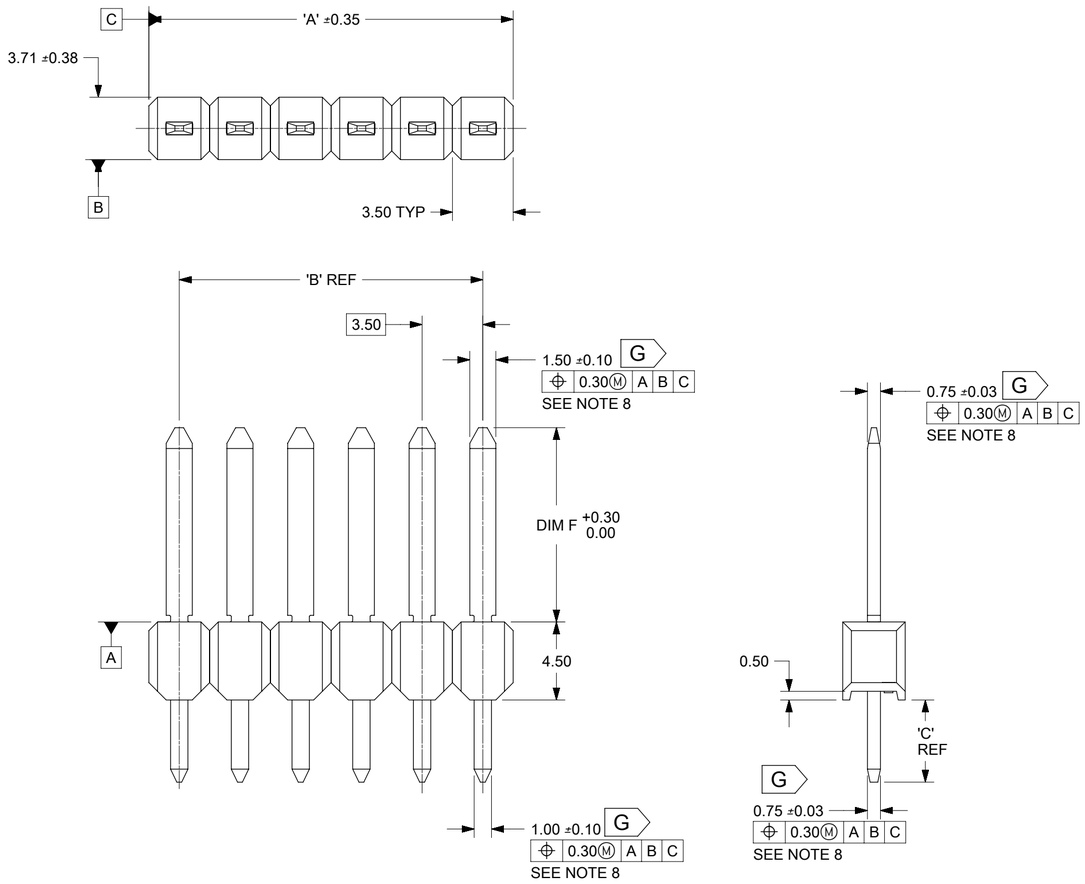
MX150 DUAL ROW
UNSHROUDED VERTICAL HEADER ASSEMBLY

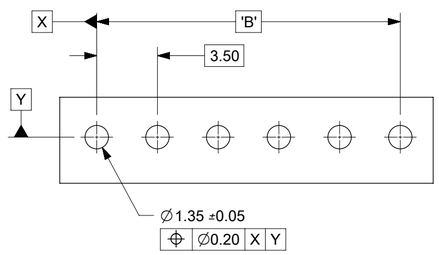
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-75757-002	PSD	001	G6

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A2-SIZE	75757	SEE TABLE	GENERAL MARKET	2 OF 2

FORMAT: TC-dvprod-A2
REVISION: B
DATE: 2022/08/01





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 1 - 2.5µm MIN MATTE TIN OVERALL OVER 1.50µm MIN. NICKEL OVERALL
   OPTION 2 - 1.50µm MIN. NICKEL OVERALL 4.00µm MIN SELECT MATTE TIN PC TAIL AREA 0.05µm MIN SELECT GOLD CONTACT AREA
   OPTION 3 - 1.50µm MIN. NICKEL OVERALL 4.00µm MIN SELECT MATTE TIN PC TAIL AREA 0.50µm MIN. SELECT GOLD CONTACT AREA
   OPTION 4 - 1.5µm MIN MATTE TIN OVERALL OVER 1.50µm MIN. NICKEL OVERALL
4. HEADER ASSEMBLIES ARE TUBE PACKAGED PER PK-36518-342.
5. MAXIMUM SKIVING ALLOWED: 1mm.
6. MAXIMUM CUT-OFF BURR ALLOWED: 0.30mm.
7. MAXIMUM DIG MARK ALLOWED: 0.45mm.
8. ALL THE POSITIONAL TOLERANCES SHOULD BE MEASURED AT TIP OF THE TERMINALS.
9. POSITION TOLERANCE OF PIN AT MATING SIDE SHOULD BE MAINTAINED AT 0.3MM IN THE FINAL MODULE BY CUSTOMER.
10. G DENOTES DIMENSIONS THAT CAN BE QUALIFIED WITH GAUGE
11. BLADE GEOMETRY DOES NOT CONFORM TO USCAR SPECIFICATIONS
12. PLEASE REFER USCAR WEBSITE FOR 1.5mm DIRECT CONNECT INTERFACE (SHROUD) DETAILS
13. PLEASE REFER SD-33472-0001 FOR 2 X 10 SHROUD DETAILS

SYMBOLS	
FA	= 0
FC	= 0
FP	= 0
S	= 0
▼	= 0
FC	= 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	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: Five PN's: 757570123, 757570133, 757570153, 757570221 & 757570443 ARE OBSOLETE

EC NO: 633184

DRWN:	RYELAVATTITH	2020/02/26
CHK'D:	RYELAVATTITH	2020/03/02
APPR:	SNAYAK01	2020/03/02

INITIAL REVISION:

DRWN:	TMCCLELL	2006/01/27
APPR:	MBANAKIS	2006/02/03

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

molex

MX150 SINGLE ROW
UNSHROUDED VERTICAL HEADER ASSEMBLY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-75757-010	PSD	001	L5

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

DOCUMENT STATUS	P1	RELEASE DATE	2020/03/02 16:03:05

FORMAT: 11x17 Arch-A2
REVISION: A
DATE: 2016/8/1

		TOOLED				TOOLED				TOOLED				TOOLED				STATUS	
1 x 2	1	75757-0121		11.20	3.05	75757-0122	OBSOLETE	11.20	4.75	75757-0123	OBSOLETE	16.09	3.05	75757-0124		13.35	3.05	7	3.5
	2	75757-0221	OBSOLETE			75757-0222	OBSOLETE			75757-0223	OBSOLETE			75757-0224	OBSOLETE				
	3	75757-0321	OBSOLETE			75757-0322	OBSOLETE			75757-0323	OBSOLETE			75757-0324	OBSOLETE				
	4	75757-0421	OBSOLETE			75757-0422	OBSOLETE			75757-0423	OBSOLETE			75757-0424	OBSOLETE				
1 x 3	1	75757-0131				75757-0132	OBSOLETE			75757-0133	OBSOLETE			75757-0134				10.5	7.00
	2	75757-0231	OBSOLETE			75757-0232	OBSOLETE			75757-0233	OBSOLETE			75757-0234	OBSOLETE				
	3	75757-0331	OBSOLETE			75757-0332	OBSOLETE			75757-0333	OBSOLETE			75757-0334	OBSOLETE				
	4	75757-0431	OBSOLETE			75757-0432	OBSOLETE			75757-0433	OBSOLETE			75757-0434	OBSOLETE				
1 x 4	1	75757-0141				75757-0142	OBSOLETE			75757-0143	OBSOLETE			75757-0144	OBSOLETE			14.0	10.50
	2	75757-0241	OBSOLETE			75757-0242	OBSOLETE			75757-0243	OBSOLETE			75757-0244	OBSOLETE				
	3	75757-0341	OBSOLETE			75757-0342	OBSOLETE			75757-0343	OBSOLETE			75757-0344	OBSOLETE				
	4	75757-0441				75757-0442	OBSOLETE			75757-0443	OBSOLETE			75757-0444	OBSOLETE				
1 x 5	1	75757-0151				75757-0152	OBSOLETE			75757-0153	OBSOLETE			75757-0154	OBSOLETE			17.5	14.00
	2	75757-0251	OBSOLETE			75757-0252	OBSOLETE			75757-0253	OBSOLETE			75757-0254	OBSOLETE				
	3	75757-0351	OBSOLETE			75757-0352	OBSOLETE			75757-0353	OBSOLETE			75757-0354	OBSOLETE				
	4	75757-0451	OBSOLETE			75757-0452	OBSOLETE			75757-0453	OBSOLETE			75757-0454	OBSOLETE				
1 x 6	1	75757-0161				75757-0162	OBSOLETE			75757-0163	OBSOLETE			75757-0164	OBSOLETE			21.0	17.50
	2	75757-0261	OBSOLETE			75757-0262	OBSOLETE			75757-0263	OBSOLETE			75757-0264	OBSOLETE				
	3	75757-0361	OBSOLETE			75757-0362	OBSOLETE			75757-0363	OBSOLETE			75757-0364	OBSOLETE				
	4	75757-0461	OBSOLETE			75757-0462	OBSOLETE			75757-0463	OBSOLETE			75757-0464	OBSOLETE				
CKT SIZE	PLATING OPTION	MATERIAL NUMBER	STATUS	"F" DIM	"C" DIM	MATERIAL NUMBER	STATUS	"F" DIM	"C" DIM	MATERIAL NUMBER	STATUS	"F" DIM	"C" DIM	MATERIAL NUMBER	STATUS	"F" DIM	"C" DIM	"A" DIM	"B" DIM

DOCUMENT STATUS	P1	RELEASE DATE	2020/03/02 16:03:05

FORMAT: master-tb-prod-A2
REVISION: H
DATE: 2018/01/18

SYMBOLS
F A = 0
F C = 0
F B = 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: mm
SCALE: 1:1

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: Five PN's: 757570123, 757570133, 757570153, 757570221 & 757570443 ARE OBSOLETE

EC NO: 633184
DRWN: RYELAVATTITH 2020/02/26
CHK'D: RYELAVATTITH 2020/03/02
APPR: SNAYAK01 2020/03/02

INITIAL REVISION:
DRWN: TMCCLELL 2006/01/27
APPR: MBANAKIS 2006/02/03

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

molex

MX150 SINGLE ROW
UNSHROUDED VERTICAL HEADER ASSEMBLY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-75757-010	PSD	001	L5

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	2 OF 2