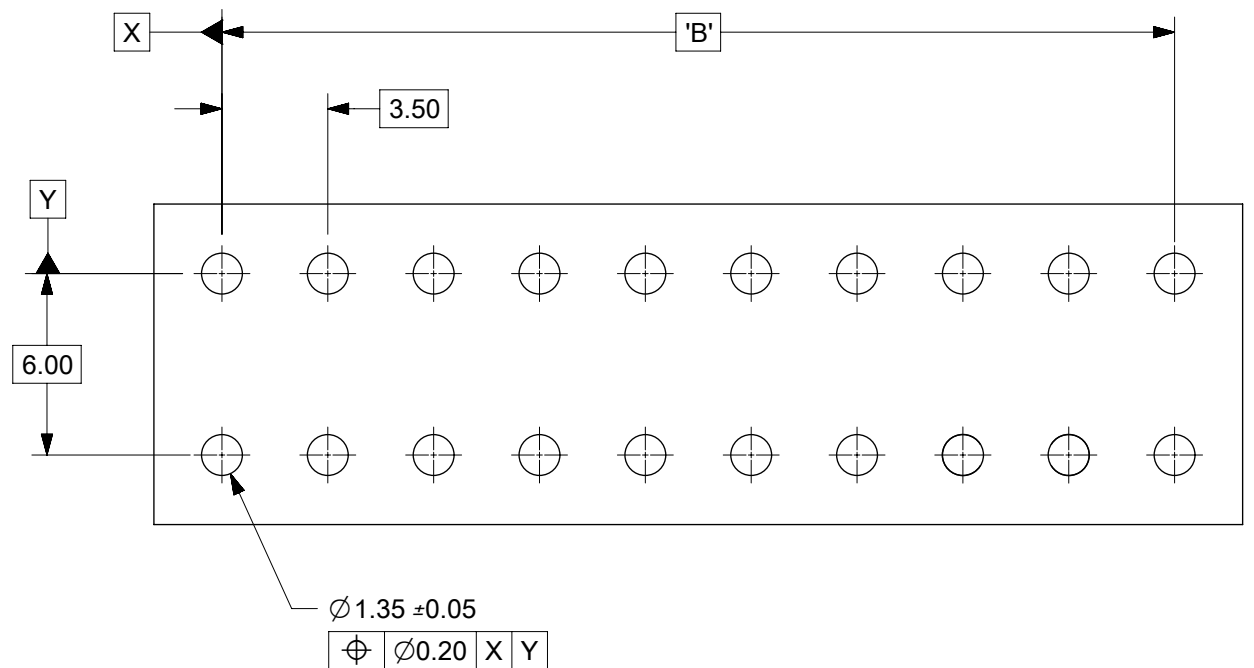
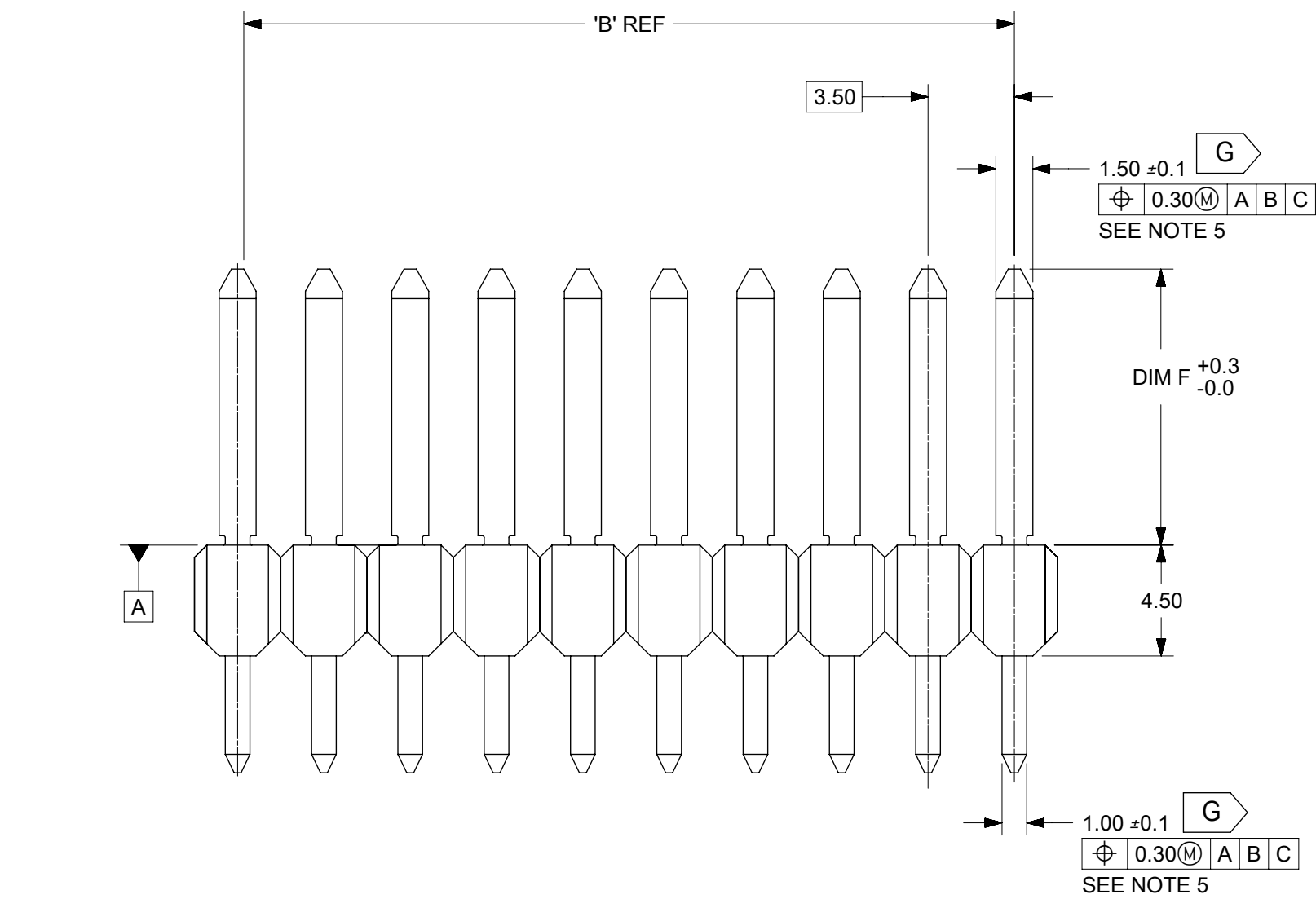
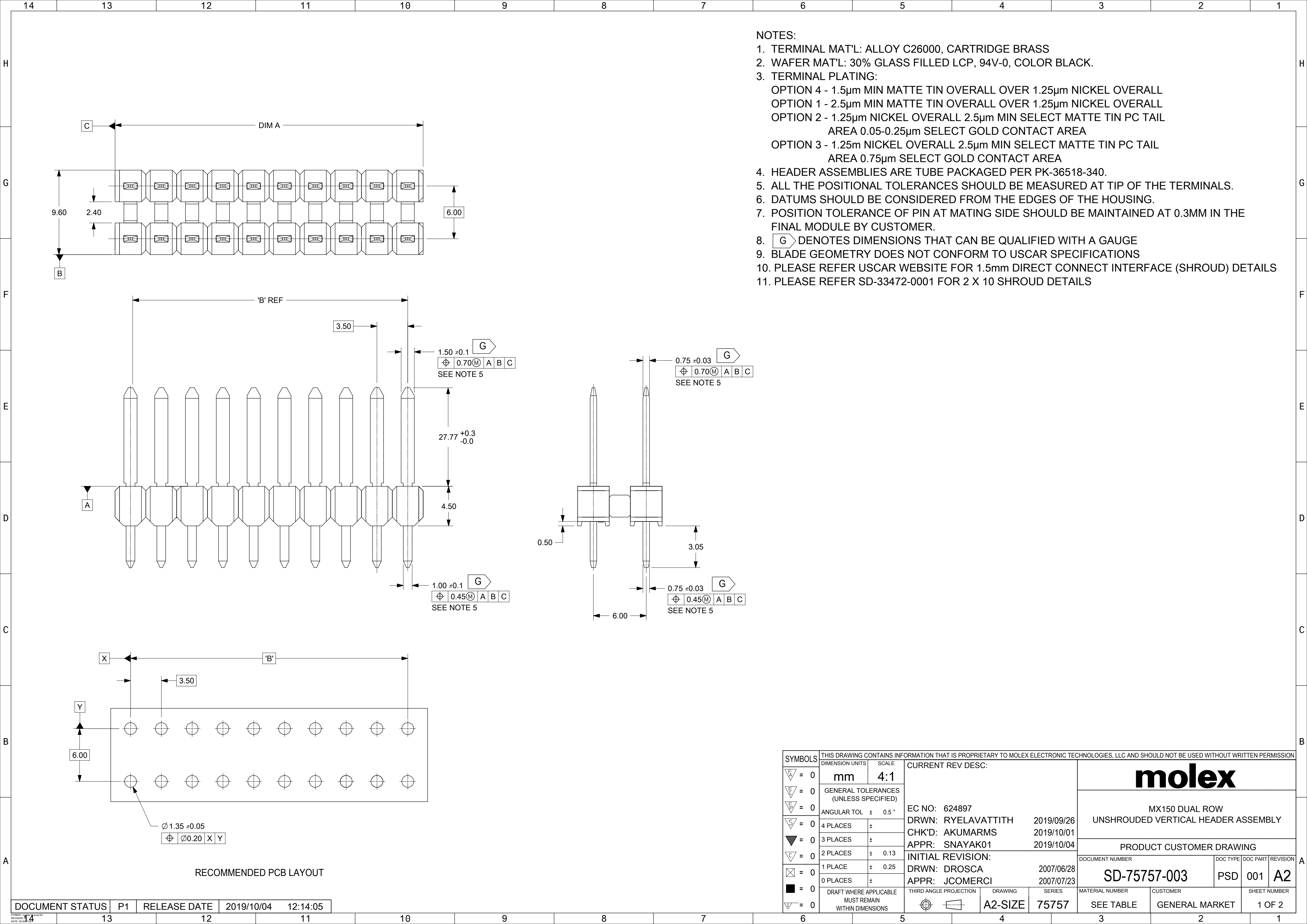




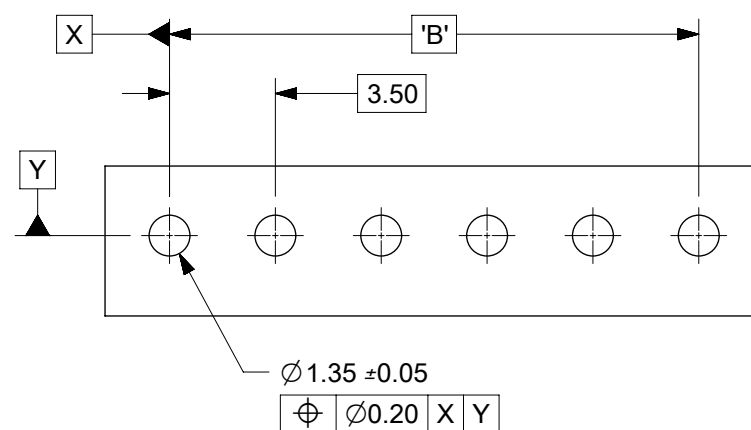
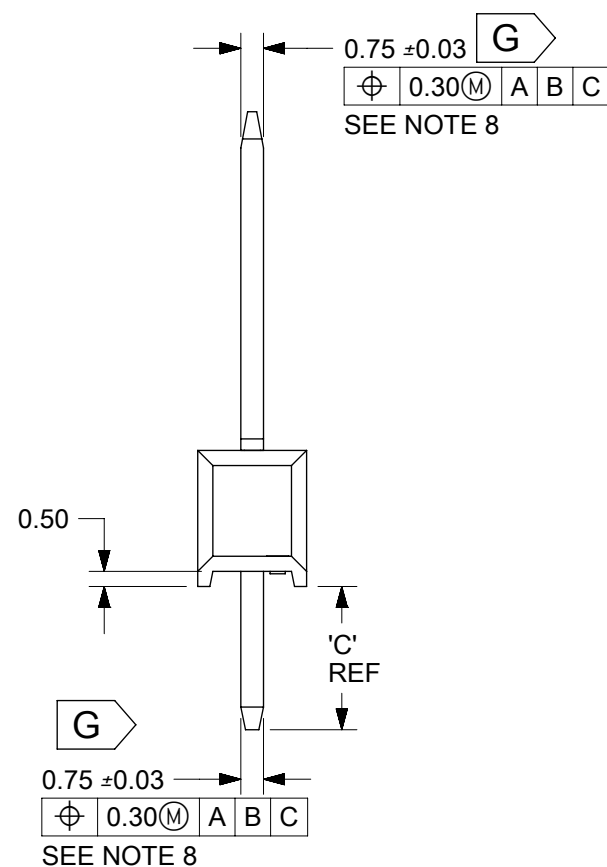
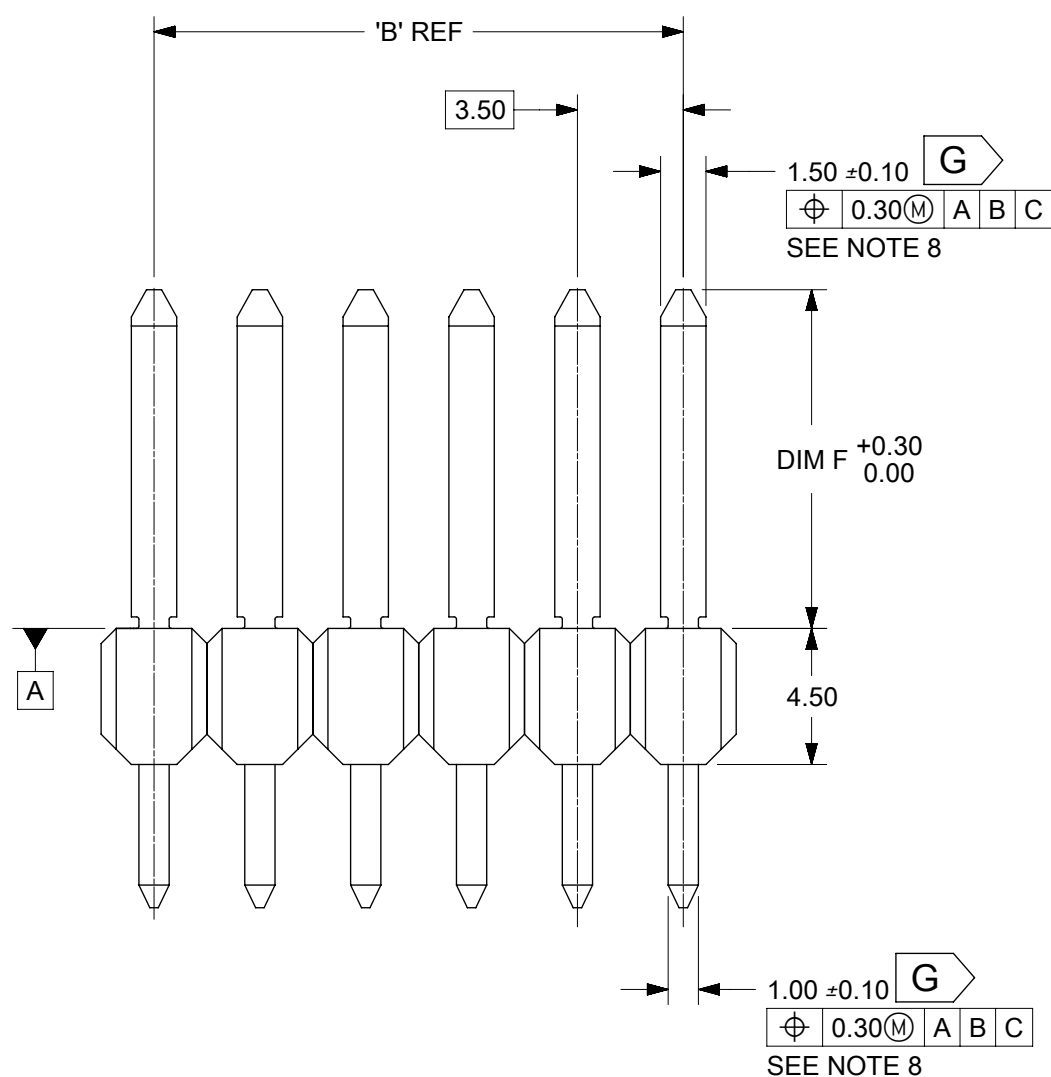
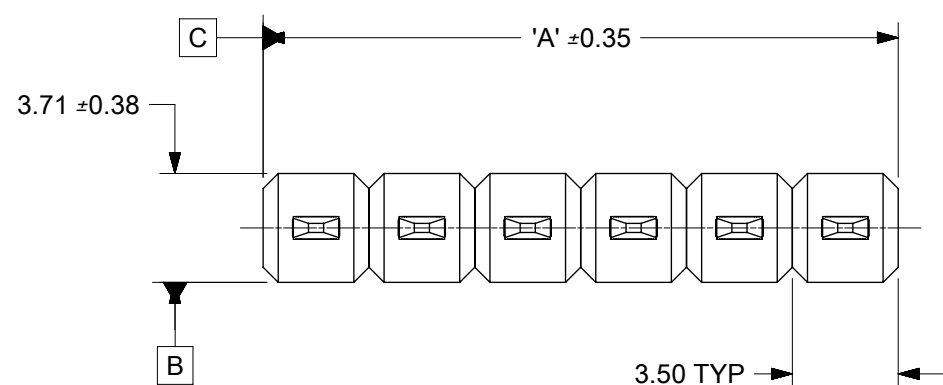
NOTES:

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.  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	12:14:03
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14	13	12	11	10	9	8	7	6	5	4	3	2	1
DOCUMENT STATUS P1 RELEASE DATE 2019/10/04 12:14:05													
4	13	12	11	10	9	8	7	6	5	4	3	2	1



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.  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	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
 = 0  = 0  = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:										
	mm		4:1												
 = 0  = 0  = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 624897 DRWN: RYELAVATTITH CHK'D: AKUMARMS APPR: SNAYAK01			2019/09/26 2019/10/01 2019/10/04			MX150 SINGLE ROW UNSHROUDED VERTICAL HEADER ASSEMBLY						
	ANGULAR TOL ± 0.5 °														
 = 0  = 0 = 0	4 PLACES		±		INITIAL REVISION: DRWN: TMCCLLEL APPR: MBANAKIS			2006/01/27 2006/02/03			PRODUCT CUSTOMER DRAWING				
	3 PLACES		±												
= 0 = 0 = 0	2 PLACES		± 0.13		DOCUMENT NUMBER SD-75757-010			DOC TYPE PSD	DOC PART 001	REVISION L4					
	1 PLACE		± 0.25												
= 0 = 0 = 0	0 PLACES		±		THIRD ANGLE PROJECTION 			DRAWING A2-SIZE			SERIES 75757				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS														
= 0 = 0				= 0			MATERIAL NUMBER SEE TABLE			CUSTOMER GENERAL MARKET			SHEET NUMBER 1 OF 2		

