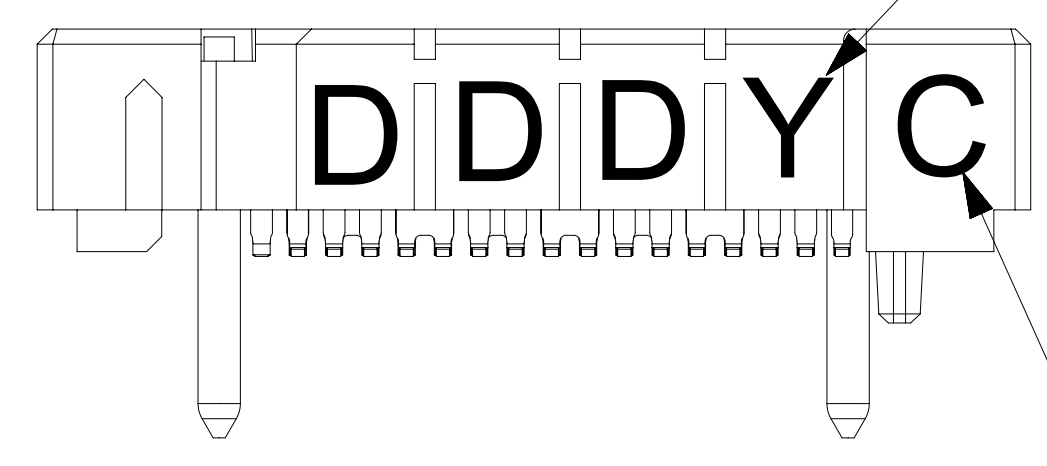
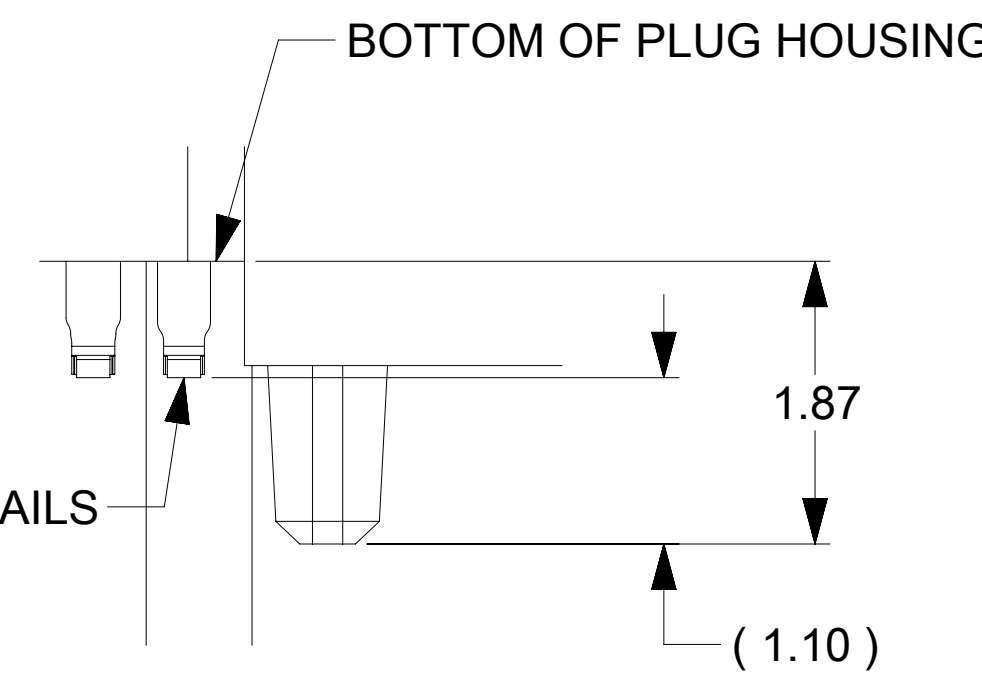
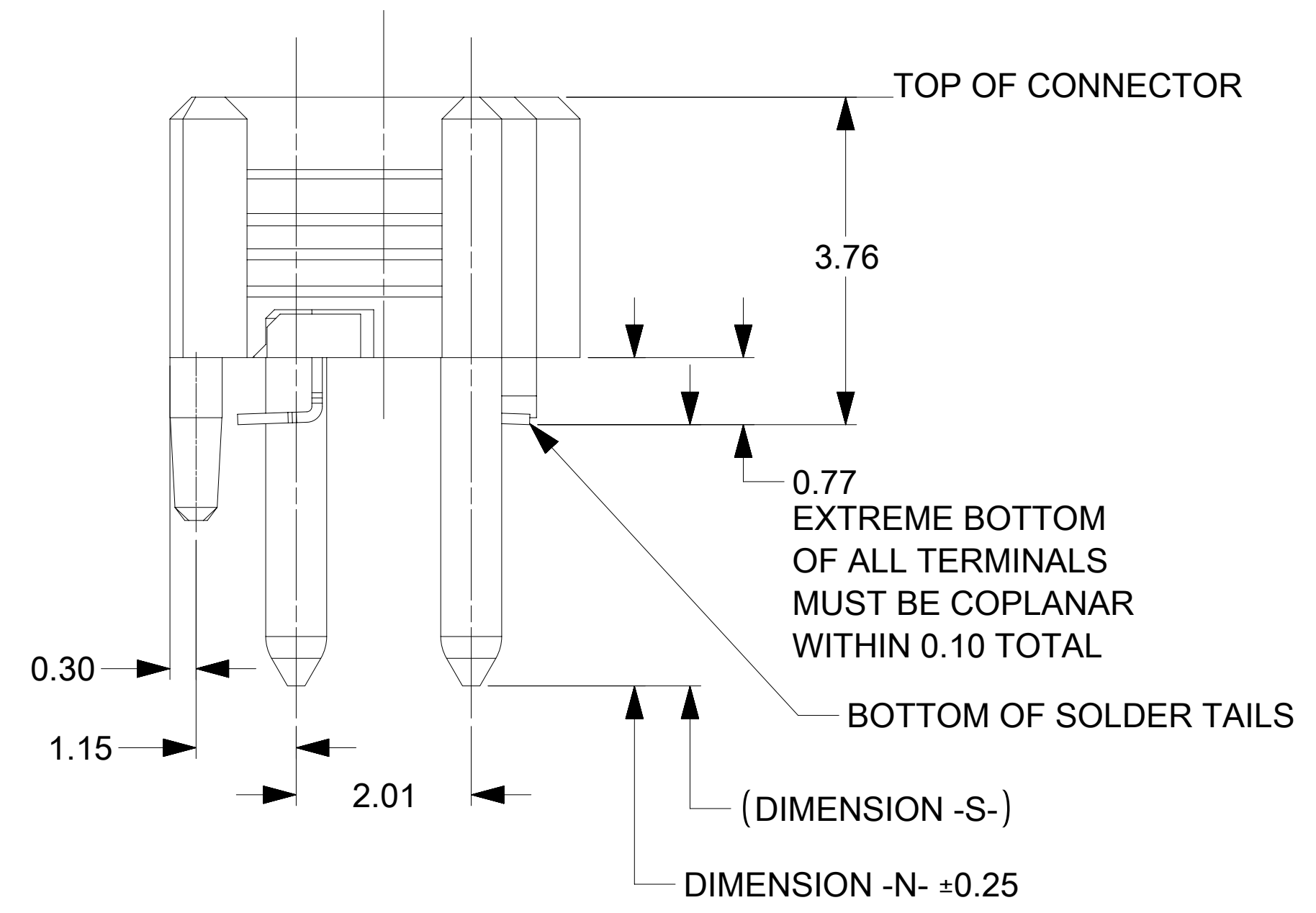


2033162100 WITH PICK AND PLACE DUST COVER
(SCALE 6:1)



DDDY JULIAN DATE CODE
2.00 ± 0.25
LASER ETCHED
HIGH CHARACTERS

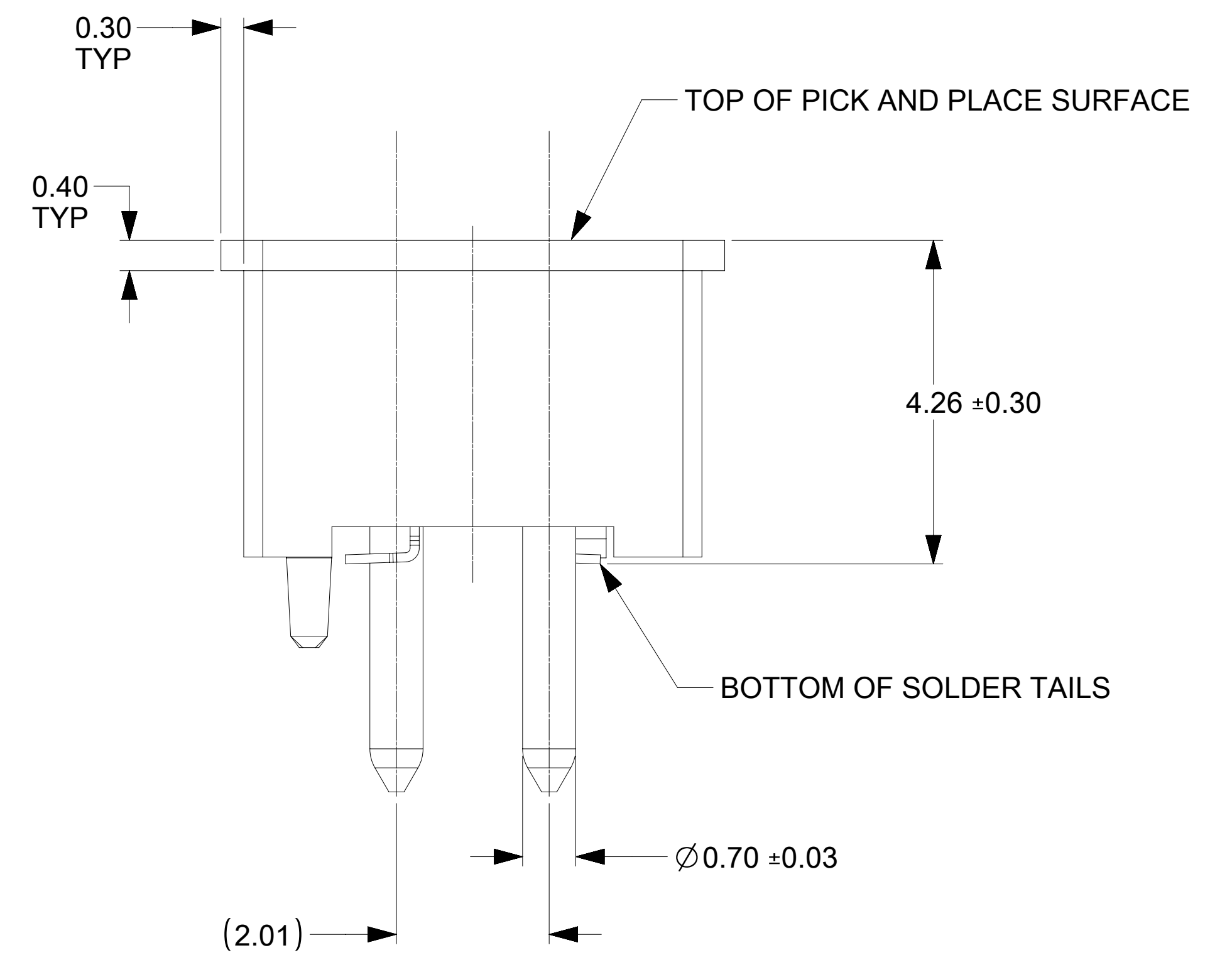
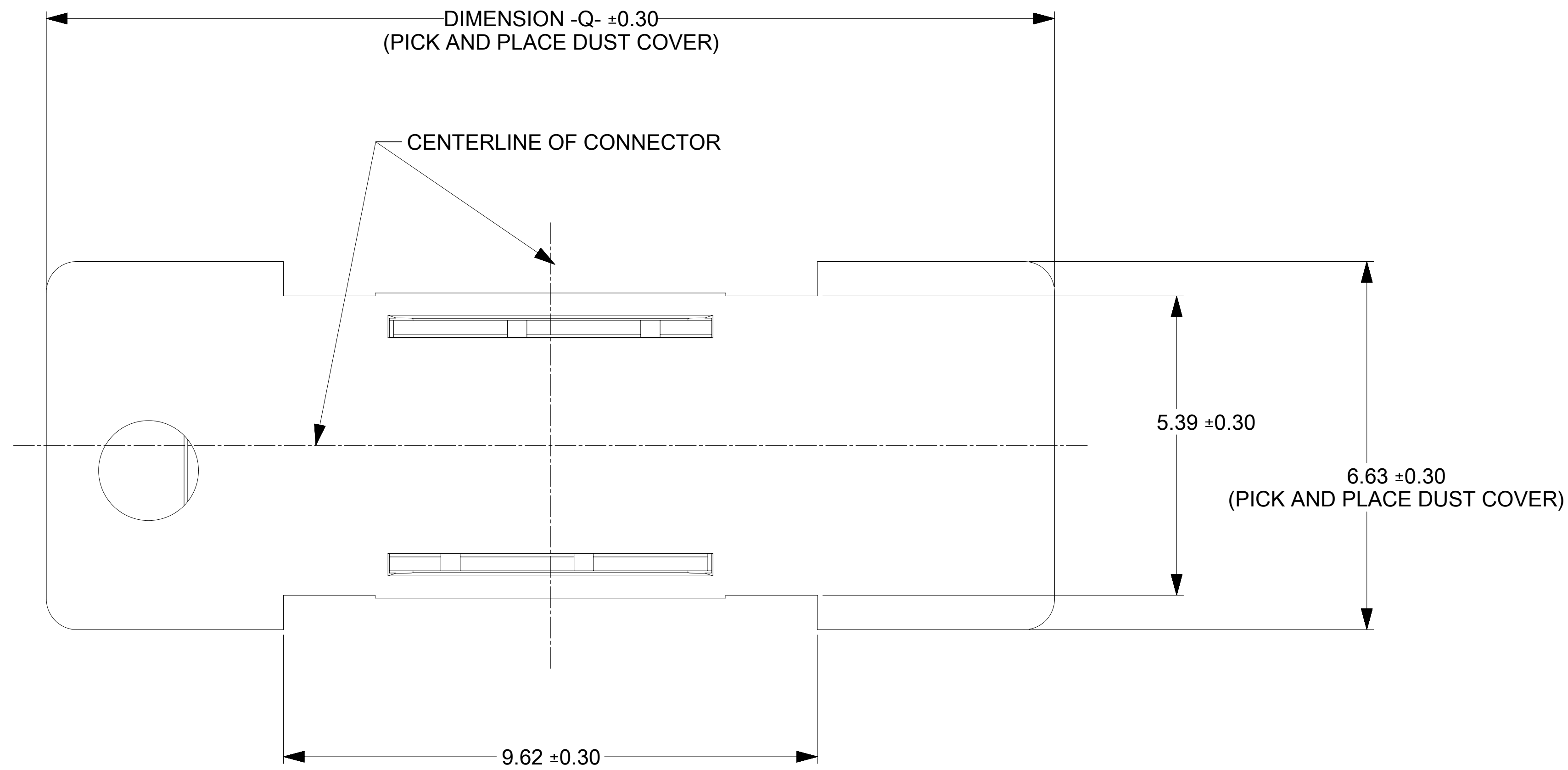
IMPEDANCE IDENTIFIER
C = 100 OHMS



DETAIL M
SCALE 20:1

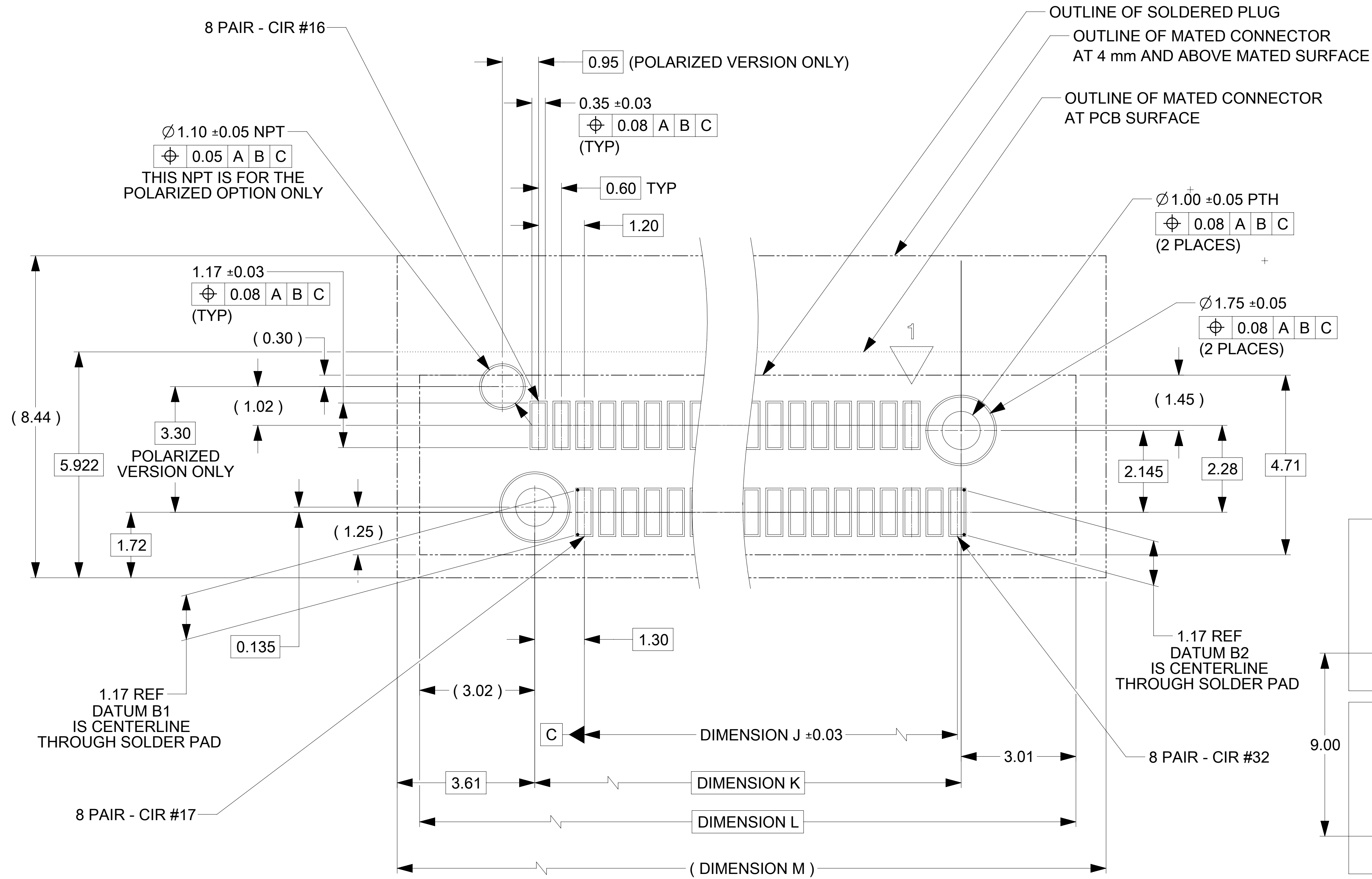
- NOTES:
- MATERIAL:
HOUSING: LCP, GLASS FILLED, UL 94V-0 BLACK
PICK AND PLACE DUST COVER: LCP, GLASS FILLED, UL 94V-0 NATURAL
CONTACT: HIGH PERFORMANCE COPPER ALLOY
SOLDER NAIL: STAINLESS STEEL
 - FINISH:
CONTACT: 30 MICROINCHES (0.76 MICRONS) MIN SELECTIVE GOLD ON CONTACT AREA,
2 MICROINCHES (0.05 MICRONS) MIN SELECTIVE GOLD ON SOLDER TAIL OVER
50 MICROINCHES (1.27 MICRONS) MIN NICKEL OVERALL.
SOLDER NAIL: TIN OVER 50 MICROINCHES NICKEL MIN
 - PRODUCT SPECIFICATION: 2033160001
 - PACKAGING SPECIFICATION: 2033169100
 - APPLICATION SPECIFICATION: 2033160001-AS
 - MATES TO SEE TABLE
 - SEE APPLICATION TOOLING SPECIFICATION 200199-1190 FOR KEEP OUT ZONE SPECIFICATION
 - MUST CONFORM TO THE COSMETIC SPECIFICATION: PS-45499-002, CLASS B; EXCEPT ANY IMPERFECTIONS MUST FIT WITHIN A 0.08mm DIAMETER SPHERE (DUE TO THE SMALL SIZE OF THIS PART).

FUNCTIONAL SYMBOLS FA = 0 FC = 0 FD = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: UPDATED SHEETS 3 AND 4 TO ONLY CALL OUT 8DP PRODUCTS.					
	DIMENSION UNITS mm	SCALE 16:1	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0°			NEARSTACK PLUG 100OHM 33°GEN2 GOLD FLASH		
DIVISIONAL SYMBOLS SI = 0 TA = 0	4 PLACES ±	3 PLACES ±	2 PLACES ± 0.15	1 PLACE ±	0 PLACES ±			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING D-SIZE	SERIES 203316	EC NO: 676131 DRWN: MILESD2 2021/09/07 CHK'D: DMCGOWAN 2021/09/15 APPR: DMCGOWAN 2021/09/15 INITIAL REVISION: DRWN: DVARVARA 2021/03/18 APPR: JGONZALEZ01 2021/03/31			
DOCUMENT STATUS	P1	RELEASE DATE	2021/09/15	20:29:59	DOCUMENT NUMBER 2033162200	DOC TYPE PSD	DOC PART 000	REVISION A1
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER				
SEE TABLE		GENERAL MARKET		1 OF 4				

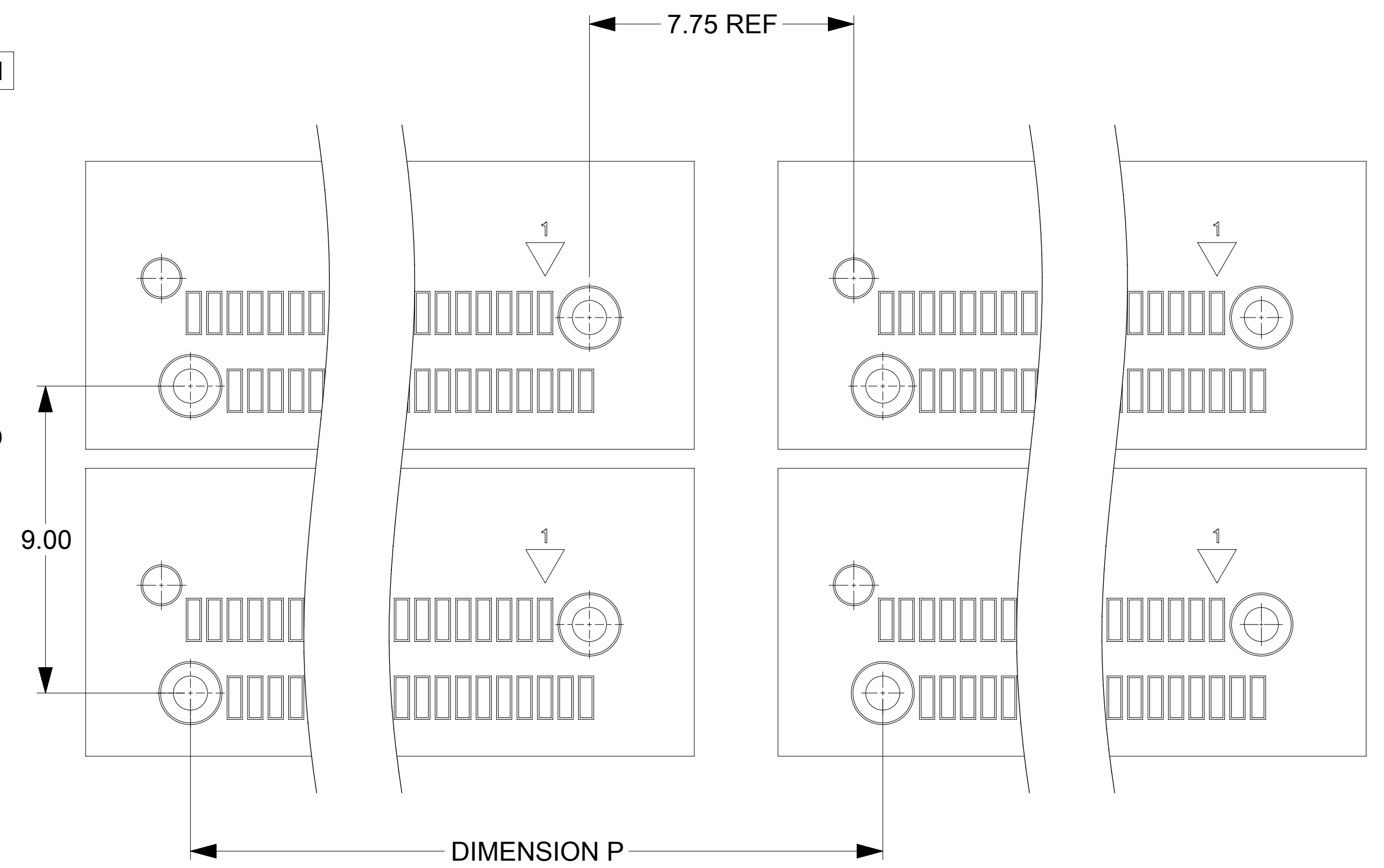


FUNCTIONAL SYMBOLS $\nabla_A = 0$ $\nabla_C = 0$ $\nabla_P = 0$ DIVISIONAL SYMBOLS $\nabla_{SI} = 0$ $\nabla_{TA} = 0$										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS: mm SCALE: 1:1 CURRENT REV DESC: UPDATED SHEETS 3 AND 4 TO ONLY CALL OUT 8DP PRODUCTS. GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL $\pm 1.0^\circ$ 4 PLACES \pm 3 PLACES \pm 2 PLACES ± 0.15 1 PLACE \pm 0 PLACES \pm										EC NO: 676131 DRWN: MILESD2 2021/09/07 CHK'D: DMCGOWAN 2021/09/15 APPR: DMCGOWAN 2021/09/15 INITIAL REVISION: DRWN: DVARVARA 2021/03/18 APPR: JGONZALEZ01 2021/03/31																			
PRODUCT CUSTOMER DRAWING										NEARSTACK PLUG 1000HM 33°GEN2 GOLD FLASH																													
DOCUMENT NUMBER 2033162200										DOC TYPE PSD		DOC PART 000		REVISION A1																									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										THIRD ANGLE PROJECTION 		DRAWING D-SIZE		SERIES 203316		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 4																			

CABLES EMERGE FROM THIS SIDE OF THE MATED CONNECTORS



FOOT PRINT



MINIMUM RECOMMENDED GRID WITHOUT ALLOWANCE FOR EXTRACTION TOOL, SEE NOTE 7.

FOOT PRINT NOTES:
1. DATUM -A- IS THE TOP OF THE PCB


FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: UPDATED SHEETS 3 AND 4 TO ONLY CALL OUT 8DP PRODUCTS.			
	DIMENSION UNITS	SCALE				
$F_A = 0$	mm	10:1	NEARSTACK PLUG 1000OHM 33°GEN2 GOLD FLASH			
$F_C = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		PRODUCT CUSTOMER DRAWING			
$F_D = 0$	ANGULAR TOL ± 1.0°		DOCUMENT NUMBER			
DIVISIONAL SYMBOLS	4 PLACES ±	EC NO: 676131	DOC TYPE			
$S_1 = 0$	3 PLACES ±	DRWN: MILESD2 2021/09/07	DOC PART			
$T_A = 0$	2 PLACES ± 0.15	CHK'D: DMCGOWAN 2021/09/15	REVISION			
	1 PLACE ±	APPR: DMCGOWAN 2021/09/15	2033162200			
	0 PLACES ±	INITIAL REVISION:	PSD 000 A1			
		DRWN: DVARVARA 2021/03/18	MATERIAL NUMBER			
		APPR: JGONZALEZ01 2021/03/31	CUSTOMER			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE			
		THIRD ANGLE PROJECTION	GENERAL MARKET			
		DRAWING	SHEET NUMBER			
		SERIES	3 OF 4			
		D-SIZE 203316				

MATERIAL NUMBER	PAIRS	POLARIZATION OPTION	MATES TO SERIES	DIMENSION J (SLDR PAD TO SLDR PAD)	DIMENSION K (SLDR NAIL TO SLDR NAIL)	DIMENSION L (LENGTH OF PLUG)	DIMENSION M (MATED CONNECTOR LENGTH)	DIMENSION N (SOLDER NAIL LENGTH)	DIMENSION S (EXPOSED SOLDER NAIL LENGTH) REFERENCE ONLY	DIMENSION P (LONGITUDINAL GRID PITCH)	DIMENSION Q (LENGTH OF P&P CAP)	DIMENSION R
2033162200	8	POLARIZED	206138	9.00mm	10.40mm	16.43mm	18.00mm	3.77mm	3.00mm	19.00mm	18.16mm	22.42mm
2033162201		NON POLARIZED						4.77mm	4.00mm			
2033162204		NON POLARIZED						1.77mm	1.00mm			
2033162205		POLARIZED										
2033162206		POLARIZED										
2033162207		NON POLARIZED										

WIRING CHART FOR EIGHT PAIRS

	CIRCUIT #		CIRCUIT#
GROUND 1	1	GROUND 2	32
SIGNAL	2	SIGNAL	31
SIGNAL	3	SIGNAL	30
GROUND 1	4	GOUND 2	29
GROUND 1	5	GROUND 2	28
SIGNAL	6	SIGNAL	27
SIGNAL	7	SIGNAL	26
GROUND 1	8	GROUND 2	25
GROUND 1	9	GROUND 2	24
SIGNAL	10	SIGNAL	23
SIGNAL	11	SIGNAL	22
GROUND 1	12	GROUND 2	21
GROUND 1	13	GROUND 2	20
SIGNAL	14	SIGNAL	19
SIGNAL	15	SIGNAL	18
GROUND 1	16	GROUND 2	17

GROUND 1 AND GROUND 2 TO BE TREATED AS ELECTRICALLY COMMON

FUNCTIONAL SYMBOLS $\nabla_A = 0$ $\nabla_C = 0$ $\nabla_P = 0$ DIVISIONAL SYMBOLS $\nabla_{SI} = 0$ $\nabla_{TA} = 0$	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: UPDATED SHEETS 3 AND 4 TO ONLY CALL OUT 8DP PRODUCTS.		 NEARSTACK PLUG 100OHM 33°GEN2 GOLD FLASH PRODUCT CUSTOMER DRAWING		
	DIMENSION UNITS	SCALE	EC NO: 676131				
	mm	1:1	DRWN: MILESD2 2021/09/07				
	GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: DMCGOWAN 2021/09/15				
ANGULAR TOL ± 1.0°		APPR: DMCGOWAN 2021/09/15		DOCUMENT NUMBER 2033162200	DOC TYPE PSD	DOC PART 000	REVISION A1
4 PLACES ±		INITIAL REVISION:					
3 PLACES ±		DRWN: DVARVARA 2021/03/18		MATERIAL NUMBER		CUSTOMER	
2 PLACES ± 0.15		APPR: JGONZALEZ01 2021/03/31		203316		GENERAL MARKET	
1 PLACE ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SHEET NUMBER	
0 PLACES ±		THIRD ANGLE PROJECTION		D-SIZE		4 OF 4	