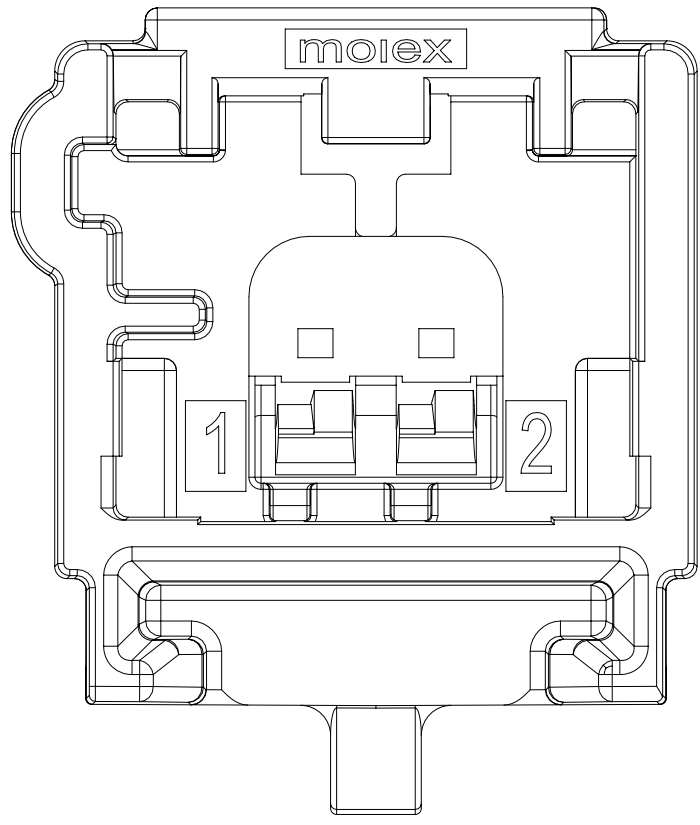
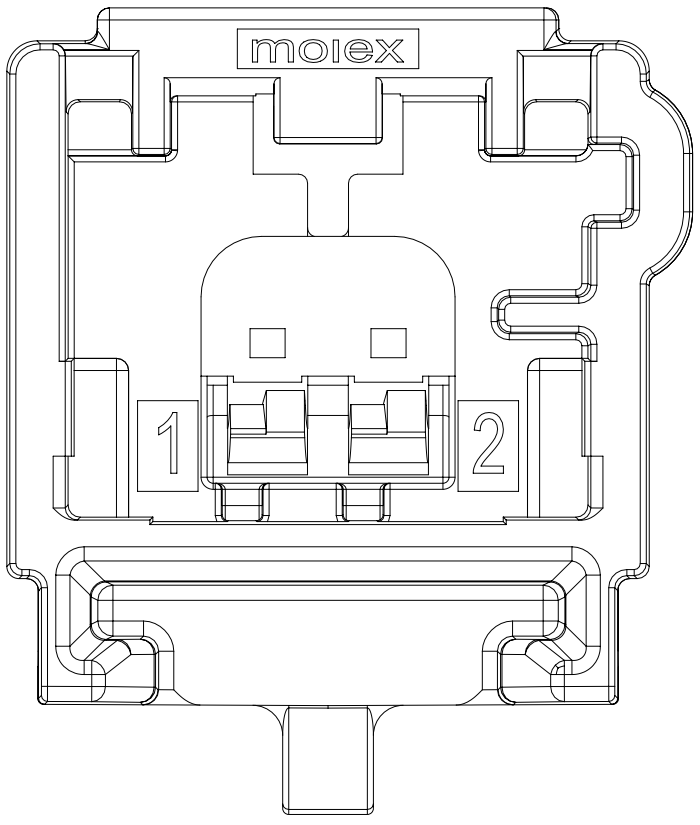


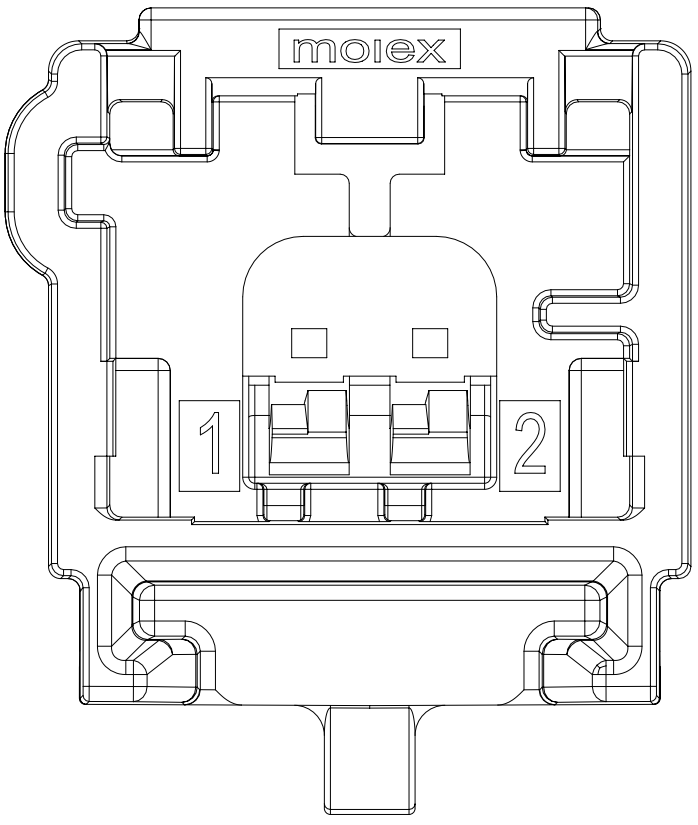
2CKT POLARIZATIONS



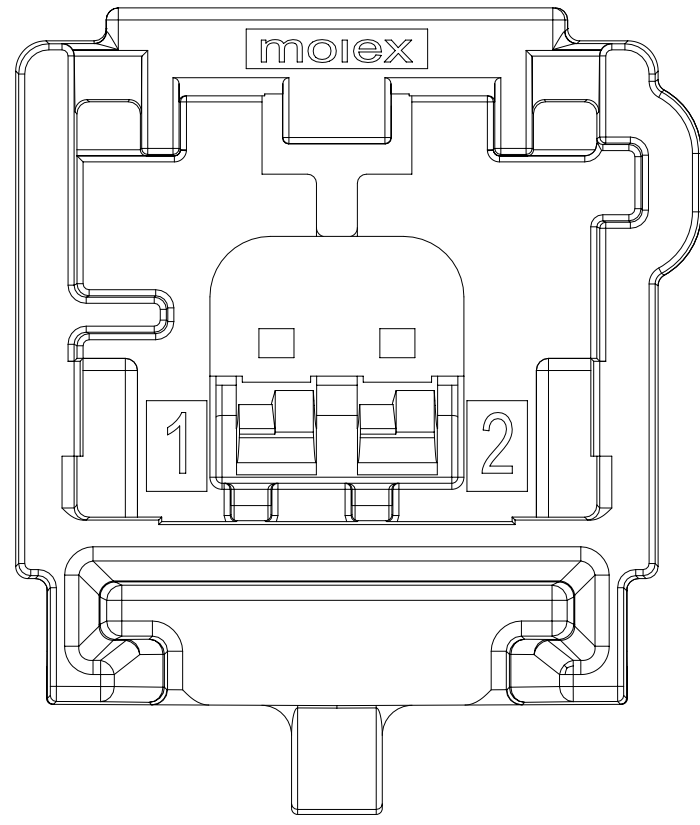
POLARIZATION A



POLARIZATION B



POLARIZATION C



POLARIZATION D

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

- 1.1 APPLICATION SPECIFICATION SEE: 2037000001_AS
- 1.2 PRODUCT SPECIFICATION SEE: 2037000001_PS
- 1.3 PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31301-898
- 1.4 PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: QEHS-699000-300 (FOR SUPPLIERS) OR QEHS-699000-304 (INTERNAL)
- 1.5 DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)

2. DESIGN - MATERIALS:

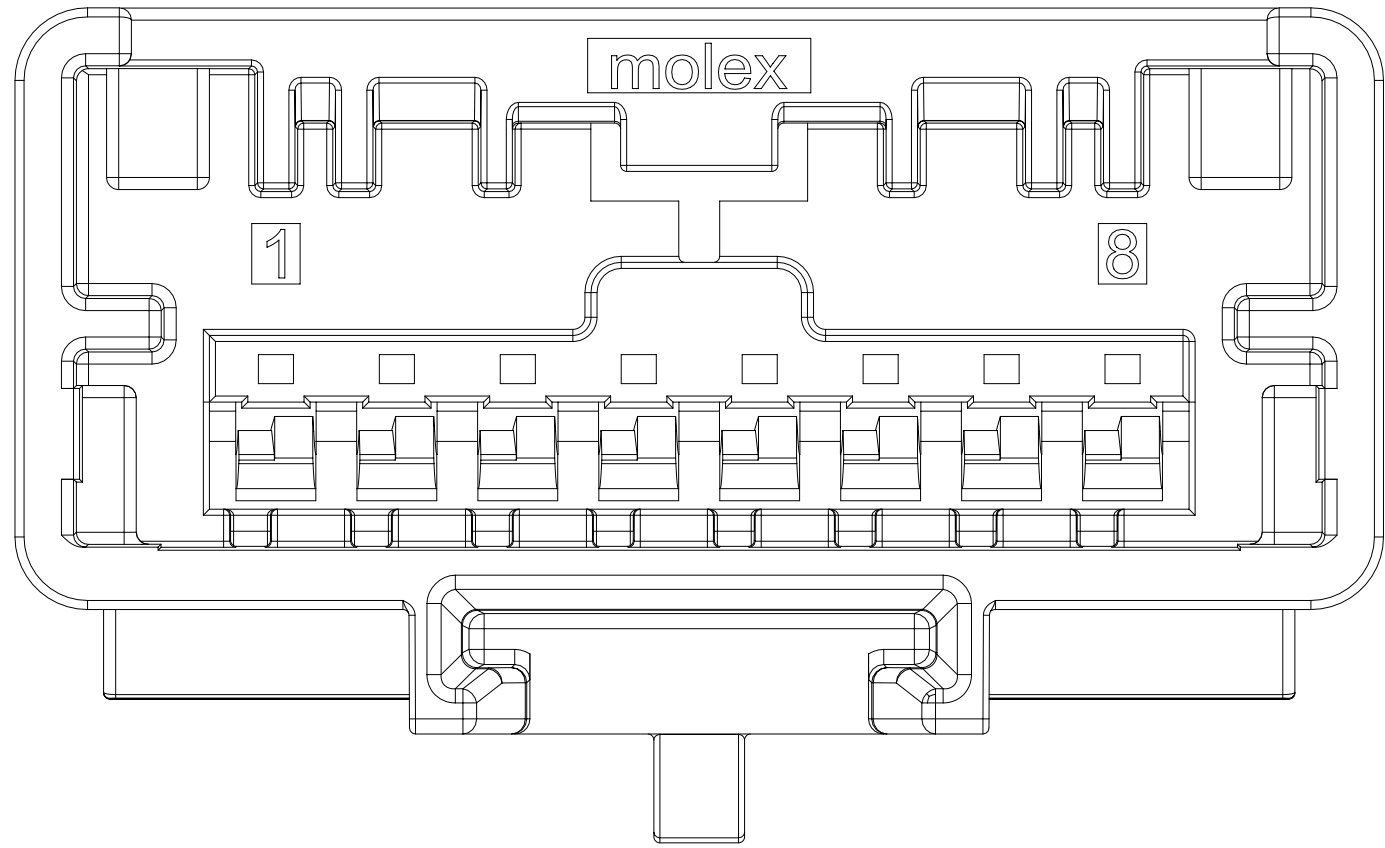
2.1 RECEPTACLE HOUSING:

- a. MATERIAL: SEE PART TABLE
b. COLOR: SEE PART TABLE

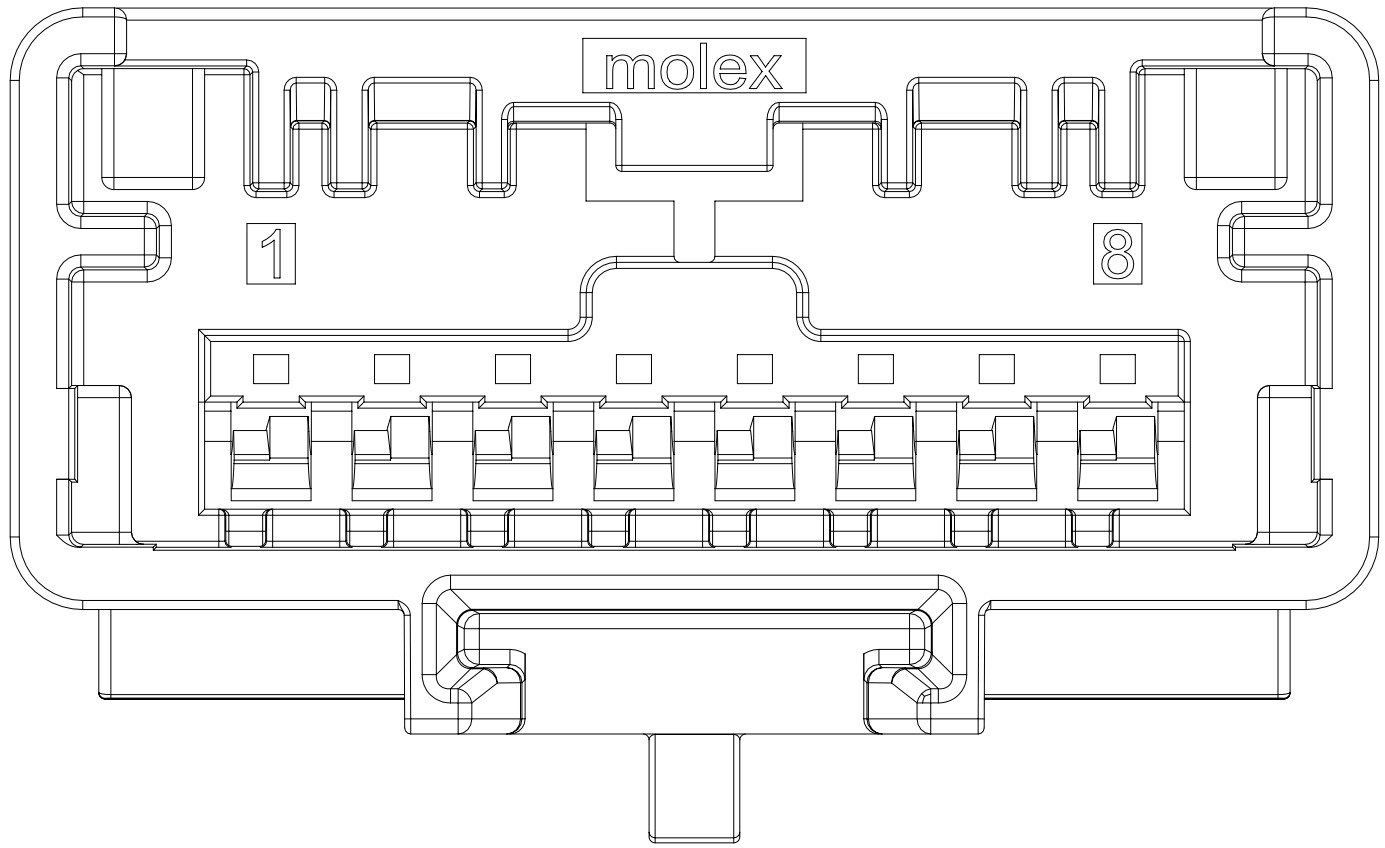
3. DESIGN - GEOMETRY:

- 3.1 GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009
- 3.2 EDGES AND UNDIMENSIONED DETAILS PER ISO13715
- 3.3 CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
- 3.4 MARKED TEXT TO INCLUDE: RECYCLING CODE, CAVITY ID, AND
VENDOR IDENTIFICATION.
- 3.5 DATUM A5 IS SPECIFIC FOR THE MOLEX INLINE SYSTEM. THIS DATUM
IS NOT APART OF THE USCAR INTERFACE
- 3.6 CLIP SLOT FOLLOWS USCAR 7MM DESIGN STANDARD.

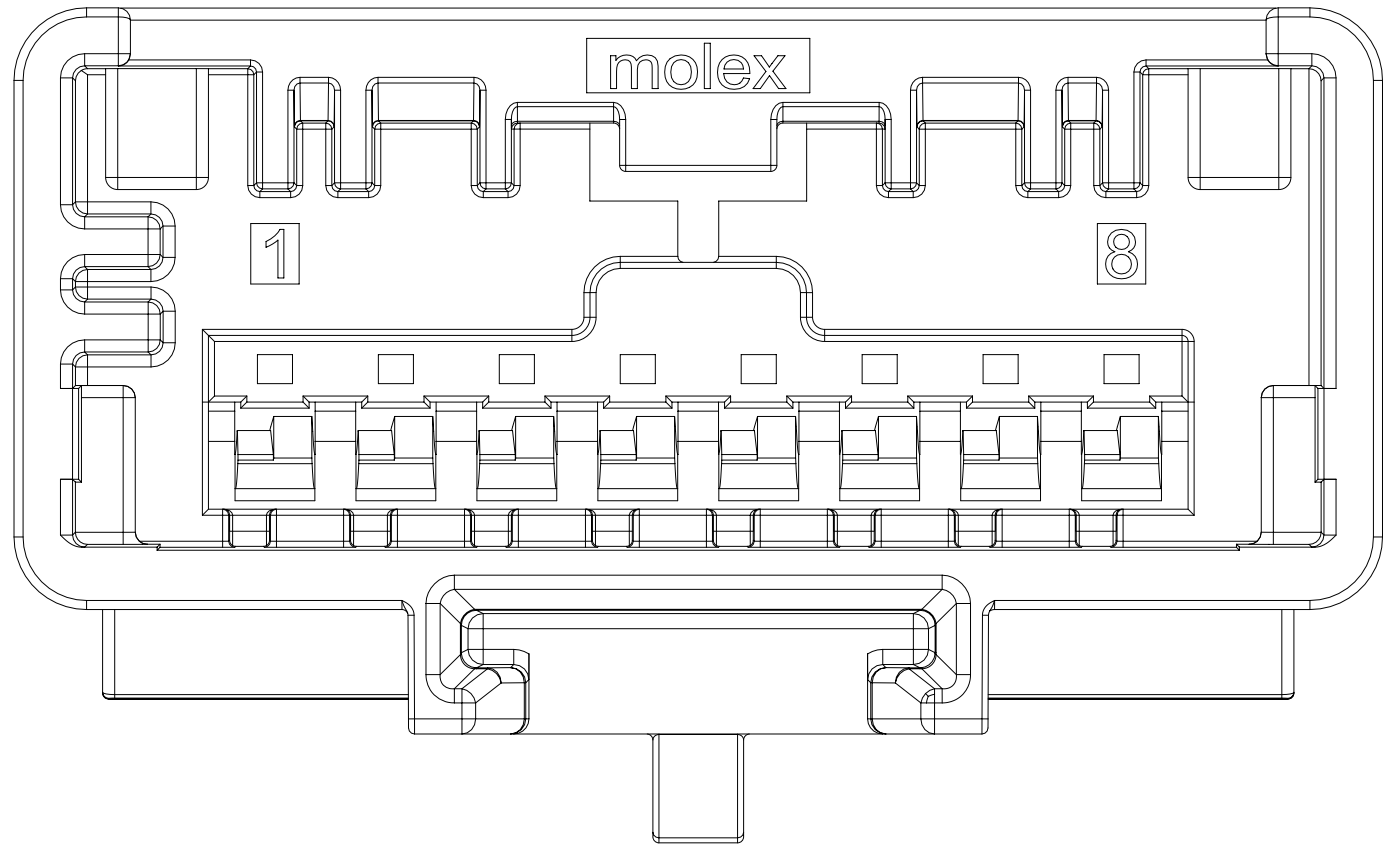
8CKT POLARIZATIONS



POLARIZATION A



POLARIZATION B



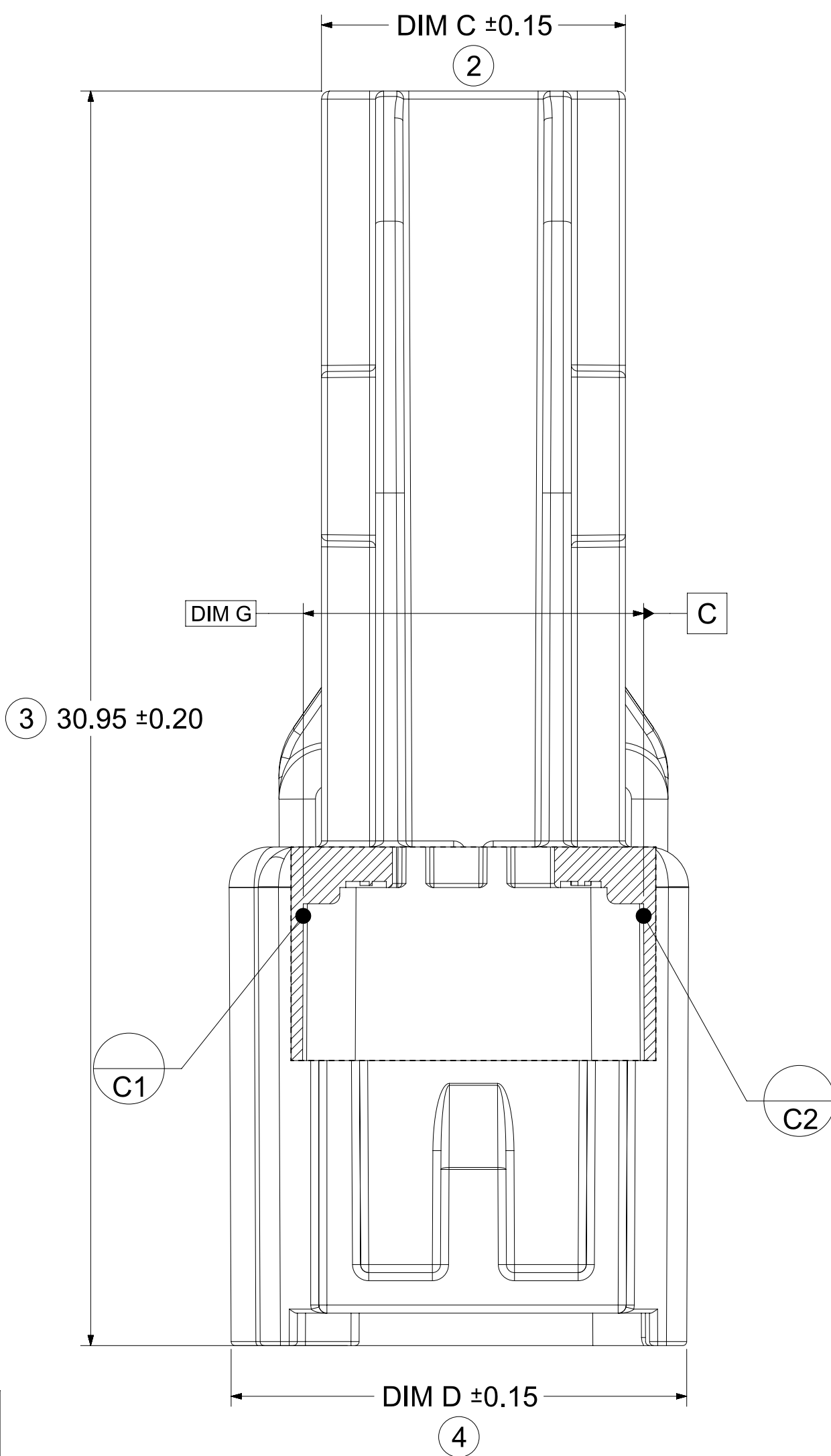
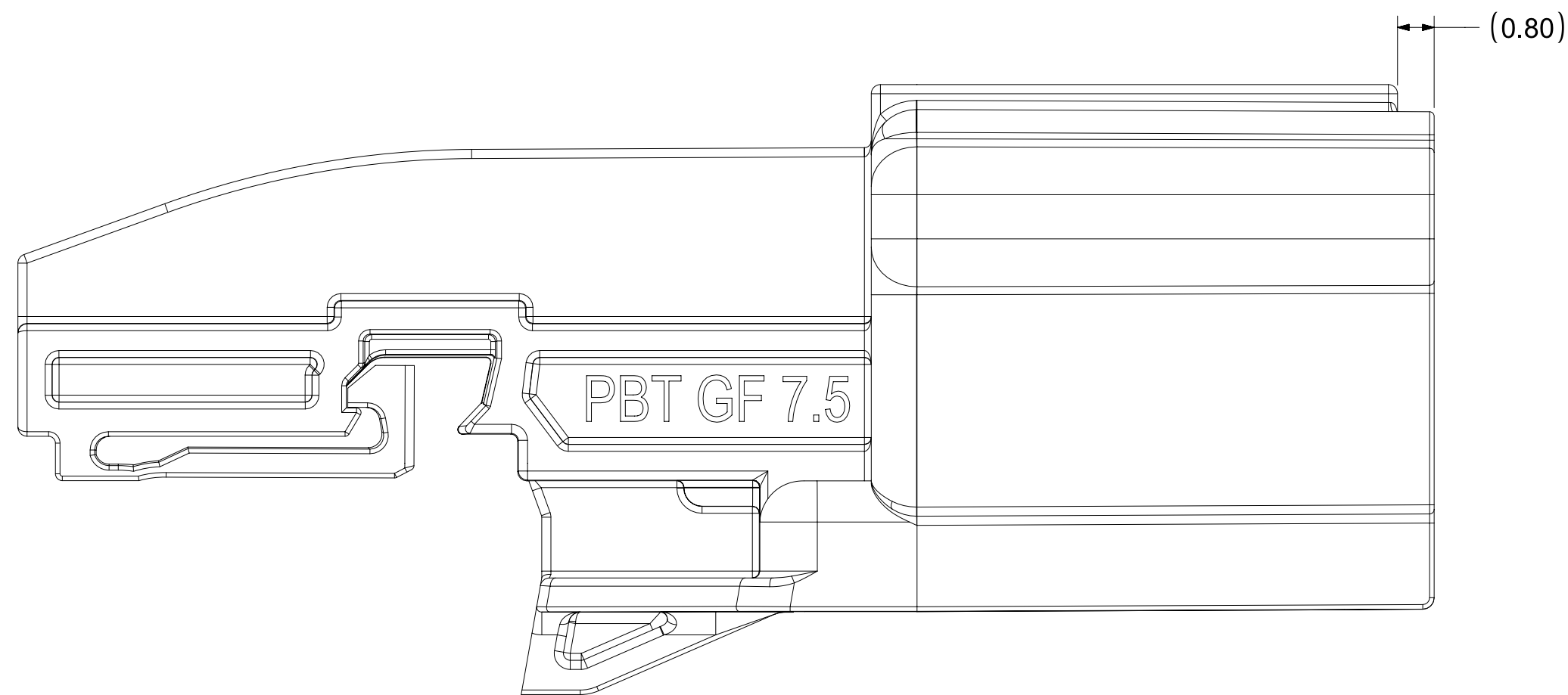
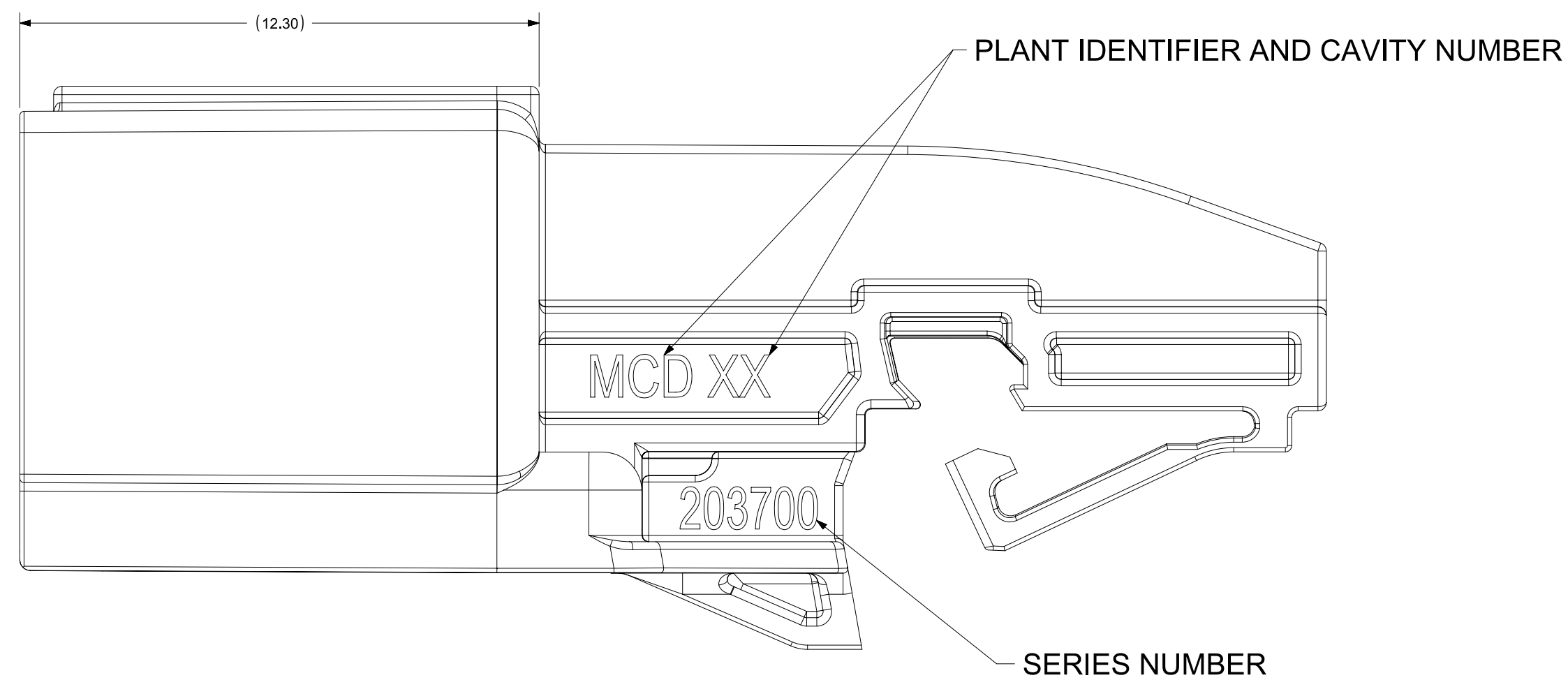
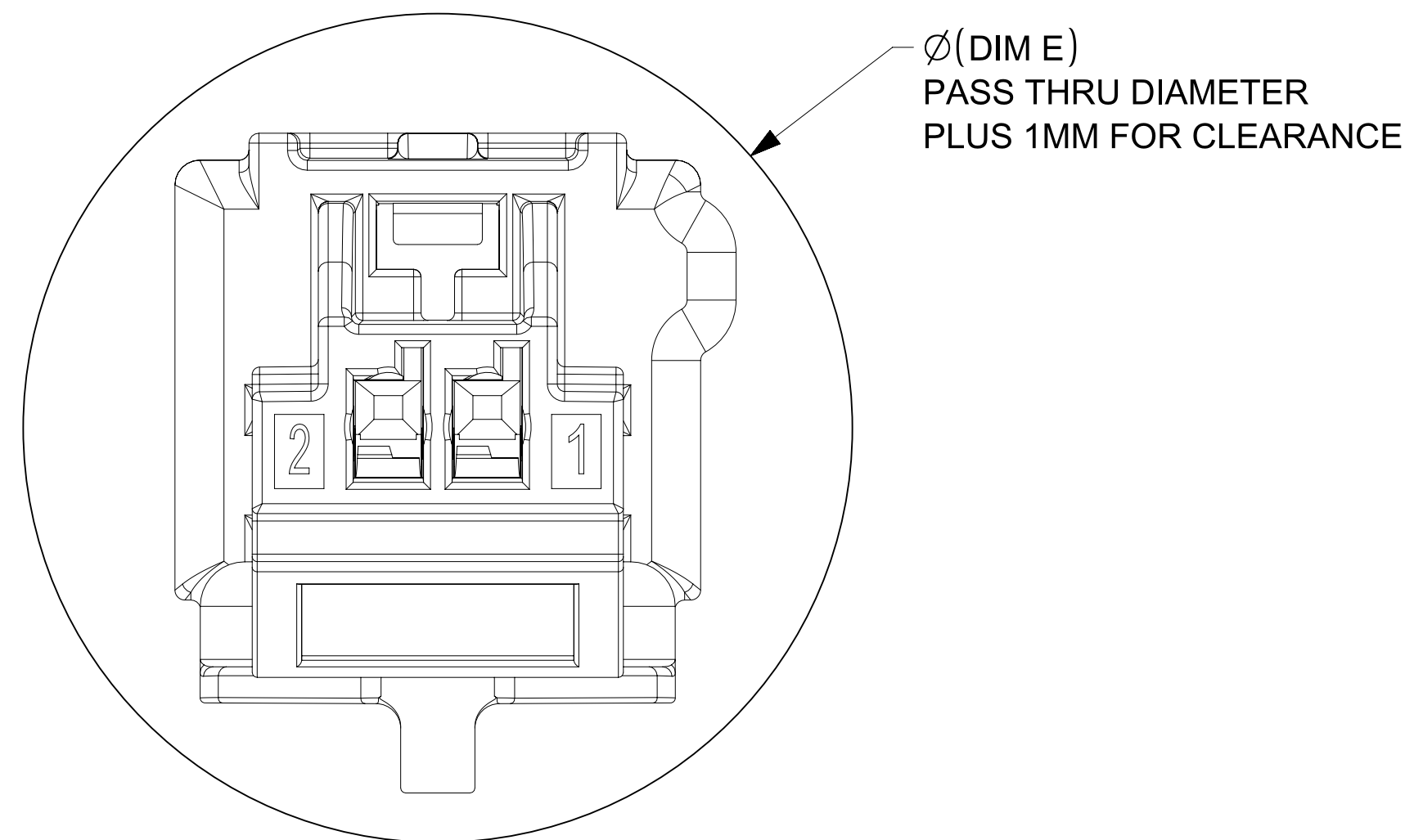
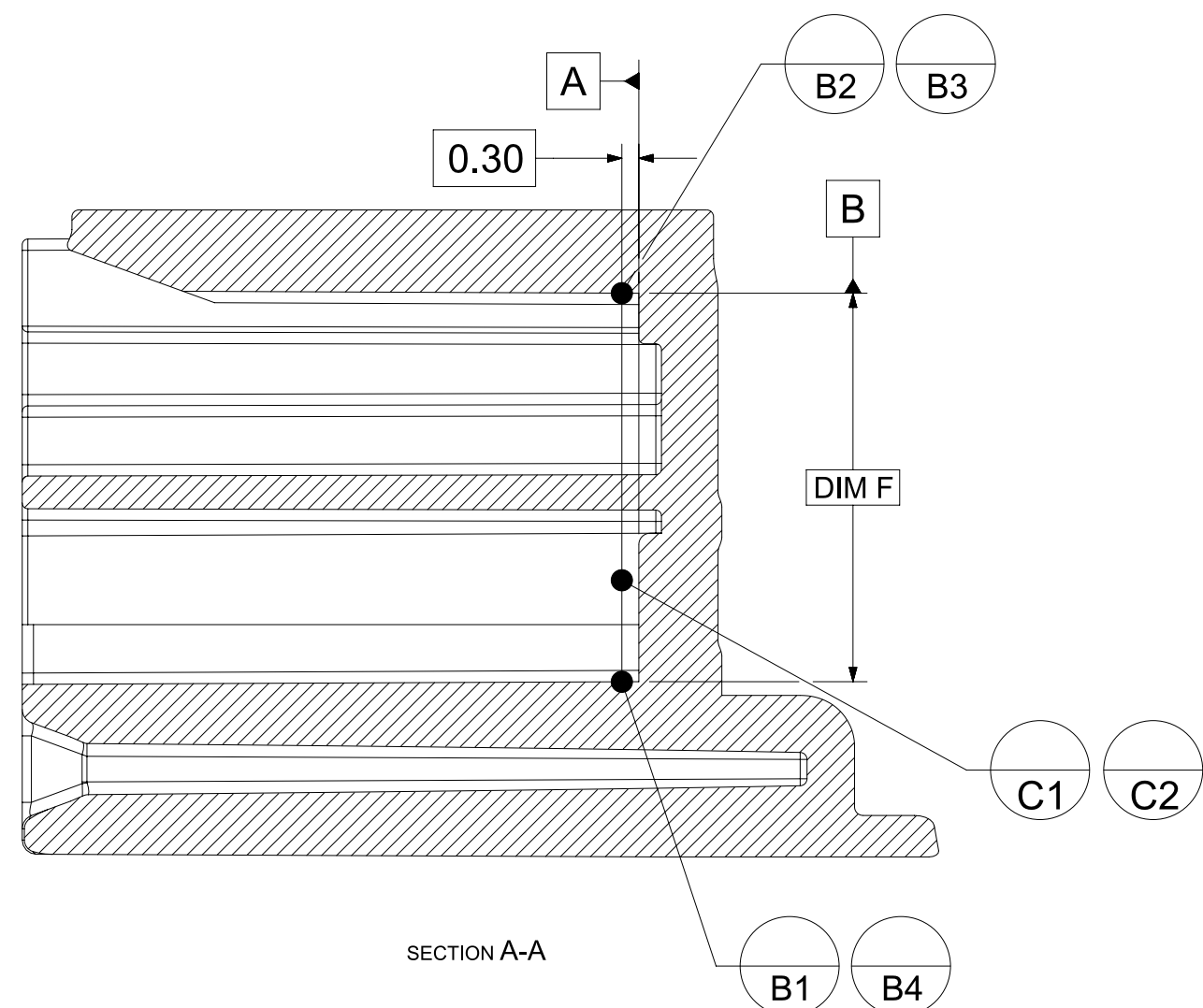
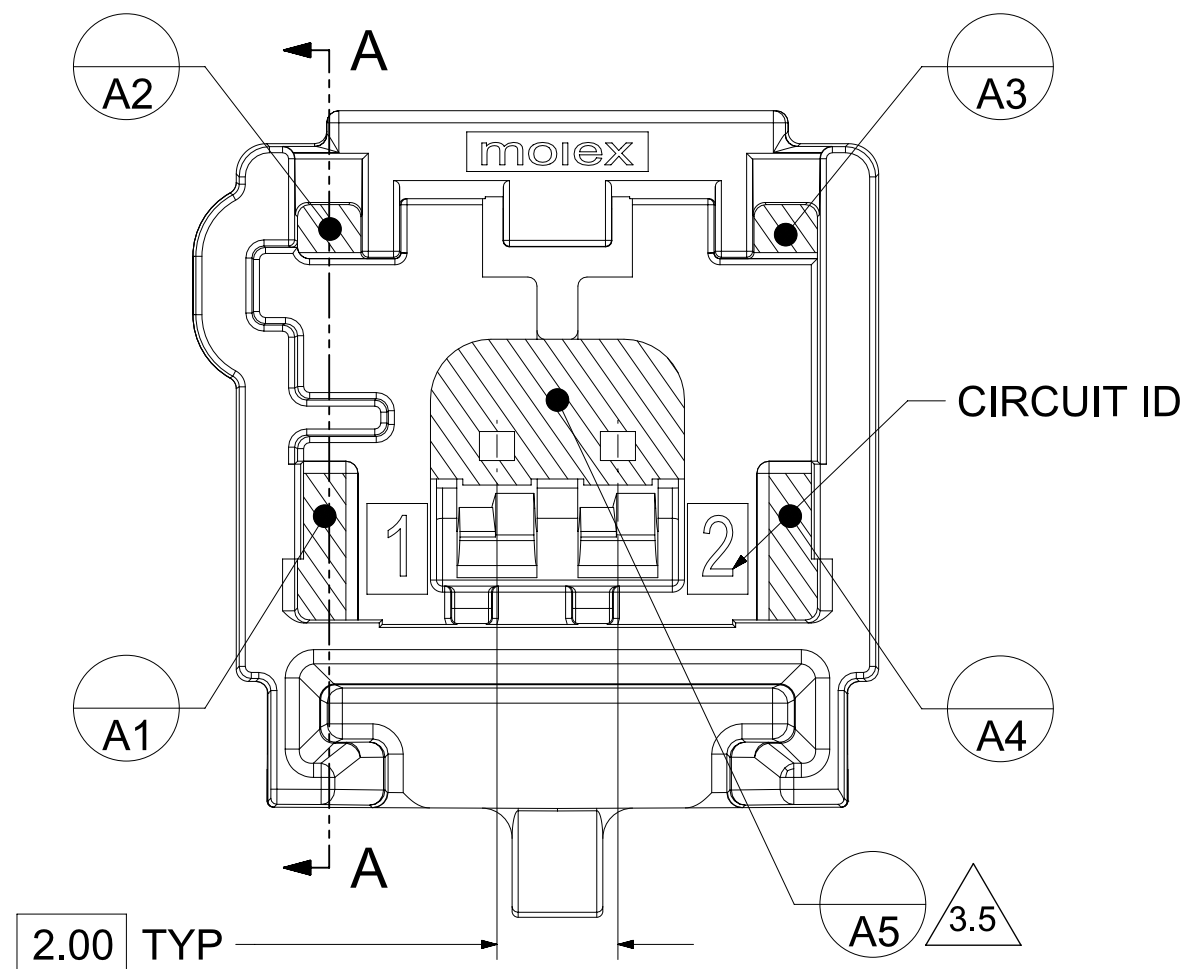
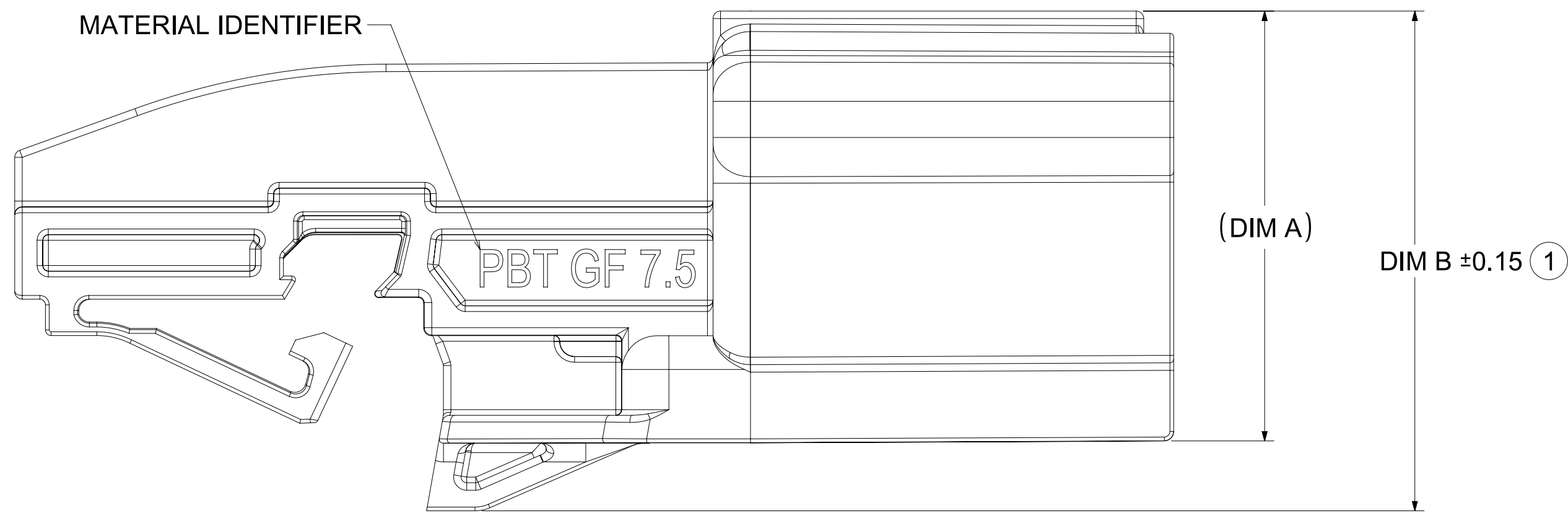
POLARIZATION C

BILL OF MATERIALS

MOLEX P/N	DESCRIPTION	COLOR	MATERIAL	WEIGHT (IN G)	CLIP SLOT SIZE (MM)	MATING COMPONENT P/N		STATUS
						CPA OPTION	NO CPA OPTION	
2037000020	MINI50 2CKT INLINE HOUSING POL A	BLACK	PBT GF 7.5	1.47	7	N/A	34791-0020/2065230021	AVAILABLE
2037000021	MINI50 2CKT INLINE HOUSING POL B	LIGHT GRAY				N/A	34791-0021/2065230022	
2037000022	MINI50 2CKT INLINE HOUSING POL C	DARK GRAY				N/A	34791-0022/2065230023	
2037000023	MINI50 2CKT INLINE HOUSING POL D	GREEN				N/A	34791-0023/2065230024	
2037000080	MINI50 8CKT INLINE HOUSING POL A	BLACK		2.87		34791-5180/2065232081	34791-0180/2065230081	AVAILABLE
2037000081	MINI50 8CKT INLINE HOUSING POL B	LIGHT GRAY				34791-5181/2065232082	34791-0181/2065230082	
2037000082	MINI50 8CKT INLINE HOUSING POL C	DARK GRAY				34791-5182/2065232083	34791-0182/2065230083	

A5	1. THE 4CKT IS NOT DEVELOP. REMOVED A4 VERSION UPDATE 2. UPDATE THE "MATING COMPONENT P/N"
A4	PAGE 1: ADDED 4CKT VIEWS & PART INFO ON BOM PAGE 2: ADDED 4CKT DIMS TO VARIABLE TABLE; ADDED DIM H
A3	PAGE 2: SERIES NUMBER CALL OUT ADDED
A2	PAGE 1: ADDED CLIP SLOT SIZE TO BOM ADDED NOTES 3.5 AND 3.6 PAGE 2: ADDED DATUM A-C CALLOUTS ADDED DIM F & G TO VARIABLE CHART TABLE
A1	PAGE 2: ADDED WEIGHT & CHANGED DIM B & DIM D
A	INITIAL RELEASE
REV	DESCRIPTION

FUNCTIONAL SYMBOLS		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: REFER TO REVISION COLUMN				molex							
MM		8:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL		± 0.5°						MINI50 MALE INLINE SALES DRAWING							
4 PLACES		±													
3 PLACES		±													
2 PLACES		±													
1 PLACE		±		STATUS: Production DRWN: Leo Li 2024-07-04 CHK'D: Ringo Hu 2024-07-05 APPR: Colin Zhang 2024-07-08				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
0 PLACES		±						2037000003		PSD		000		A5	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION						DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
				D-SIZE		203700				GENERAL MARKET		1 OF 2			



VARIABLE DIMENSION TABLE

PART NO	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H
2037000020	11.47	13.34	7.50	11.24	16.76	6.87	8.40	30.95
2037000021								
2037000022								
2037000023								
2037000080	12.01	13.81	19.70	22.63	27.00	7.87	20.40	30.95
2037000081								
2037000082								

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
FUNCTIONAL SYMBOLS = 0		DIMENSION UNITS MM	SCALE 8:1	CURRENT REV DESC: REFER TO REVISION COLUMN	
 = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)			
 = 0					
DIVISIONAL SYMBOLS					
ANGULAR TOL ± 0.5°					
4 PLACES ±					
3 PLACES ±					
2 PLACES ±					
1 PLACE ±		STATUS: Production			
0 PLACES ±		DRWN: Leo Li		2024-07-04	
		CHK'D: Ringo Hu		2024-07-05	
		APPR: Colin Zhang		2024-07-08	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 	DRAWING D-SIZE	SERIES 23700	MATERIAL NUMBER
		DOCUMENT NUMBER 2037000003			
		DOC TYPE PSD			
		DOC PART 000			
		REVISION A5			
		PRODUCT CUSTOMER DRAWING			
		CUSTOMER GENERAL MARKET			
		SHEET NUMBER 2 OF 2			