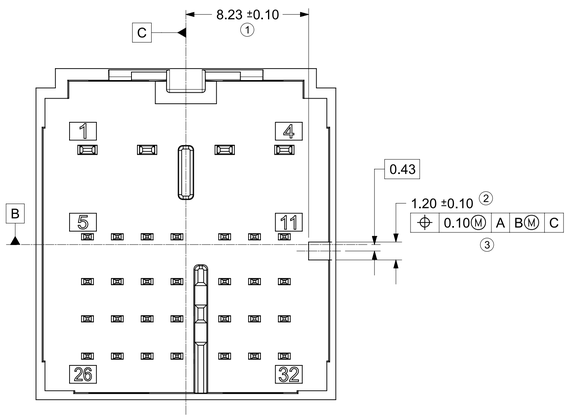
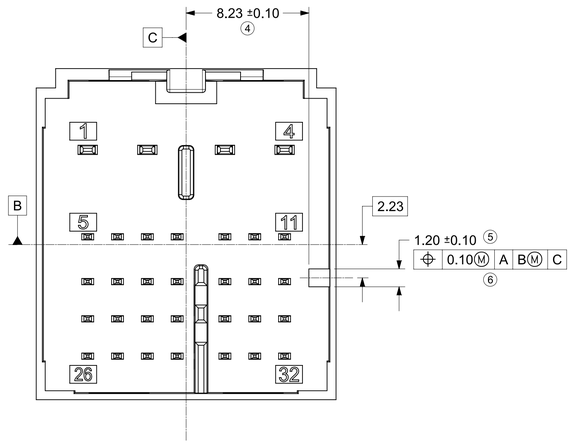
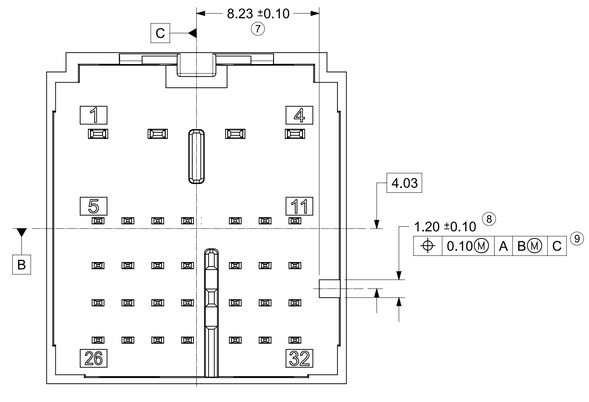


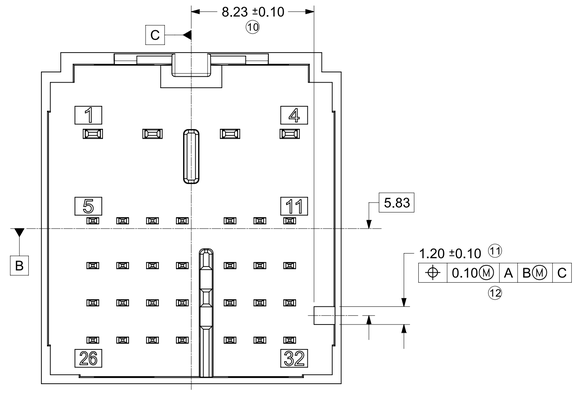
INTERFACE KEY 1 & KEY 5



INTERFACE KEY 2 & KEY 6



INTERFACE KEY 3 & KEY 7



INTERFACE KEY 4 & KEY 8

INTERFACE OPTIONS		
KEY	RIB OPTION	MATING CONNECTOR COLOR
1	OPTION A	BLACK
2	OPTION A	BLUE
3	OPTION A	DARK GRAY
4	OPTION A	PURPLE C
5	OPTION B	PINK B
6	OPTION B	TBD
7	OPTION B	LIGHT BROWN
8	OPTION B	TBD

NOTES: VALID UNLESS OTHERWISE SPECIFIED

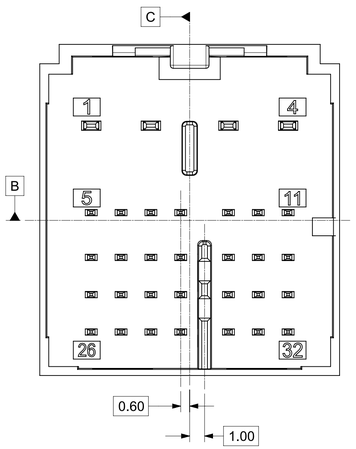
1. DESIGN - MATERIALS:
   a. RESIN MATERIAL: PBT+GF30 OR SPS+GF30 OR EQUIVALENT
   C b. PIN/BLADE MATERIAL: COPPER ALLOY
   c. PLATING: ACCORDING TO USCAR DRAWING EWCAP-001 TIN REFLOW WITH UNDERPLATE.
   d. PIN TIPS ACCORDING TO USCAR DRAWING EWCAP-001 (120-T002 & 050-T001)
   e. DEVIATION TO EWCAP-001 ACCEPTABLE IF PERFORMANCE (ELECTRICAL/MECHANICAL) IS SHOWN TO BE EQUAL OR BETTER AS REQUIRED BY VALIDATION TESTING.

2. DESIGN - GEOMETRY:
   a. ALL GRAPHIC DATA IS BASIC (NO TOLERANCE) AND MUST BE TAKEN FROM THE DATA FILE AT ITS LATEST REVISION.
   b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009
   c. GENERAL TOLERANCES:
      LINEAR: PER DIN 16901 LINEAR CODE B FOR PRECISION ENGINEERING
      ANGULAR: ±3°
   d. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
   e. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
   f. LETTERING SHALL BE 0.15 MAX RAISED IN 0.25 MAX RECESS PAD.
      THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.
      (for small parts: LETTERING SHALL BE 0.10 MAX RAISED IN 0.15 MAX RECESS PAD)

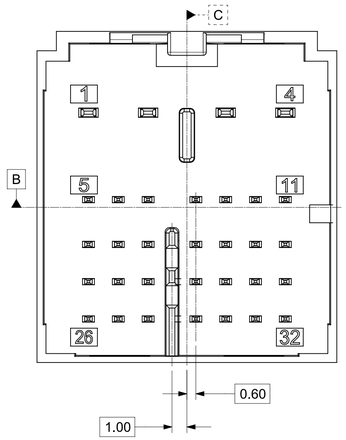
3. DESIGN - MANUFACTURING:
   a. DRAFT TO BE WITHIN TOLERANCE.

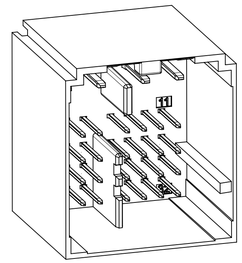
REV	DESCRIPTION
C	NOTES 1.B UPDATED
B1	ADDED BALLOONS JCONDON 08/02/2018
B	REMOVED 0.2MM FROM CONNECTOR LOCK TAB FEATURE
A1	ADDED NOTE 1.E JCONDON 11/13/2017
A	NX-REMASTERING SAP # 10867412
7	UAU2016-1182 SAP # 10762453 JCONDON 02/08/2016
6	UAU2015-1446 SAP # 10681629 JCONDON 03/25/2015
5	UAU2015-1212 SAP # 10674908 JCONDON 02/06/2015
4	UAU2015-0982 SAP # 10670199 JCONDON 12/22/2014
3	UAU2014-1679 SAP # XXXXXXXX KDEKOSKI 05/02/2014
2	UAU2014-1221 SAP # XXXXXXXX MYOUNG01 02/06/2014
1	UAU2014-0715 SAP # XXXXXXXX MYOUNG01 01/02/2014

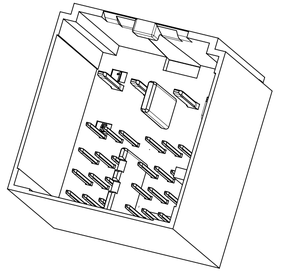
RIB OPTION A



RIB OPTION B







FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FE = 0
DIVISIONAL SYMBOLS

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

DIMENSION UNITS	SCALE
MM	5:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 0.5°
4 PLACES	±
3 PLACES	±
2 PLACES	±
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION TABLE

SEE NOTES

STATUS: Production
DRWN: Yann Chen 2025-03-05
CHK'D: Nick Wang 2025-03-07
APPR: Ringo Hu 2025-03-07

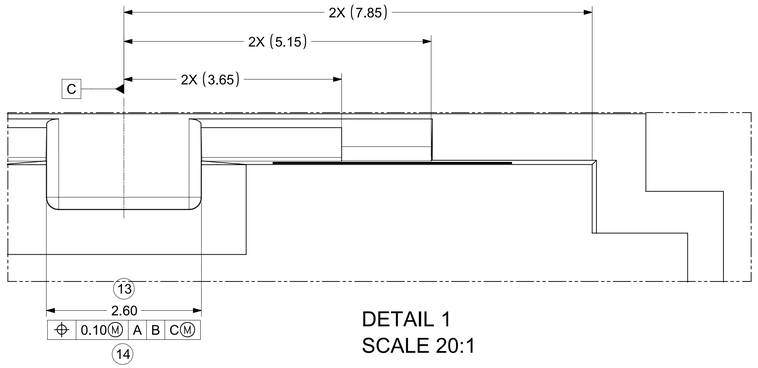
THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 160028 | MATERIAL NUMBER | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 1 OF 3

molex

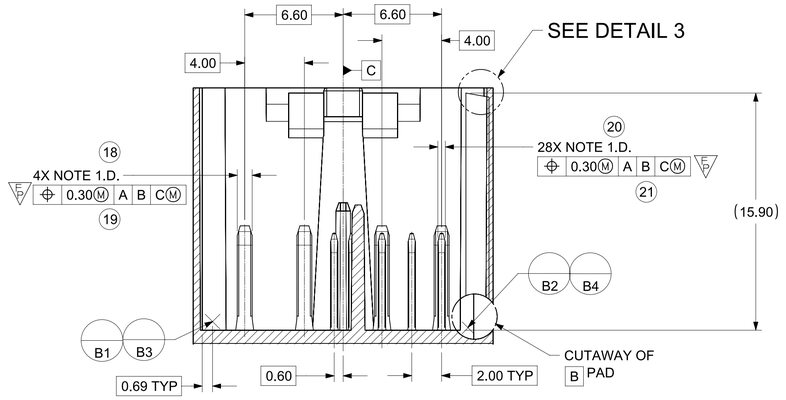
32WAY STAK50H
INTERFACE DRAWING

PRODUCT CUSTOMER DRAWING

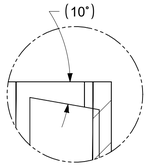
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-160028-002	PSD	001	C



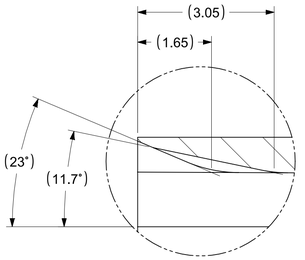
DETAIL 1
SCALE 20:1



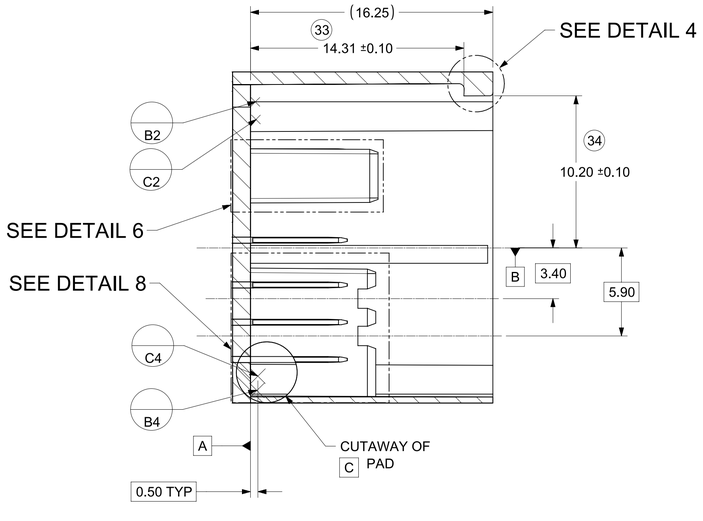
SECTION X-X



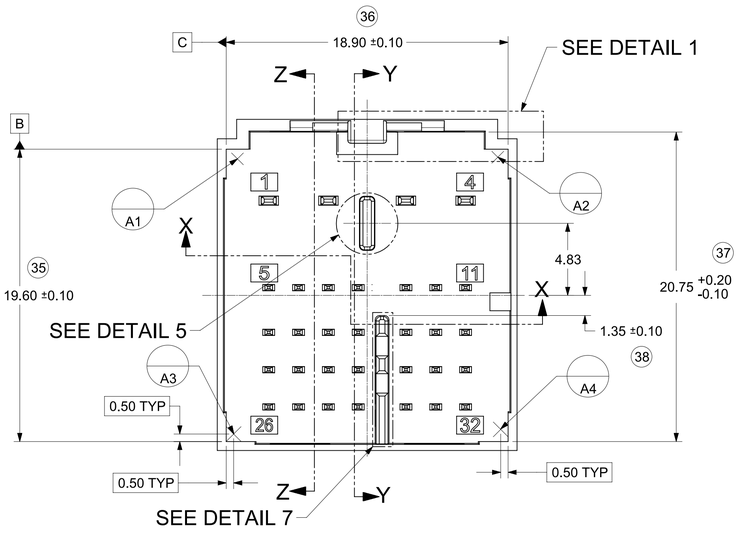
DETAIL 3
SCALE 15:1

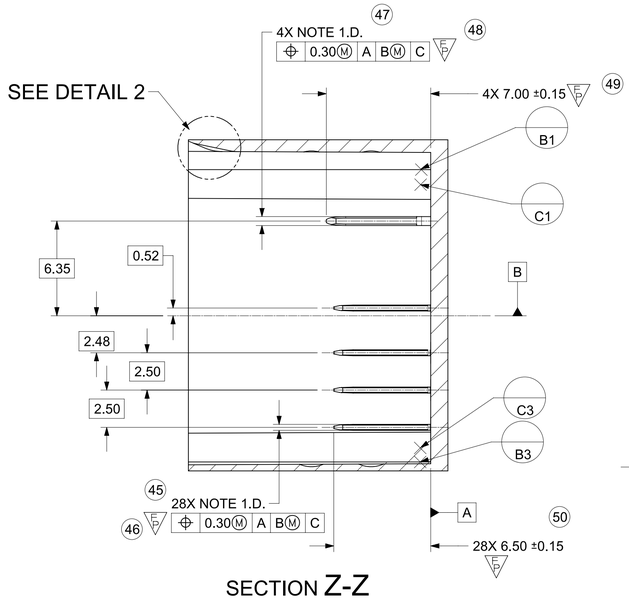


DETAIL 2
SCALE

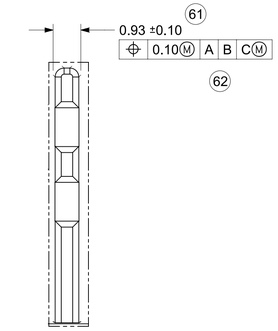


SECTION Y-Y

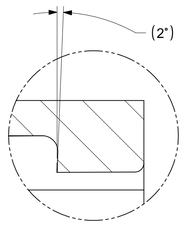




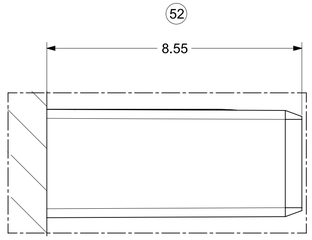
SECTION Z-Z



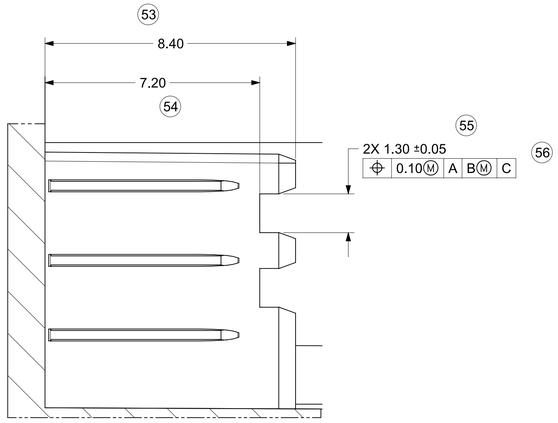
DETAIL 7
SCALE



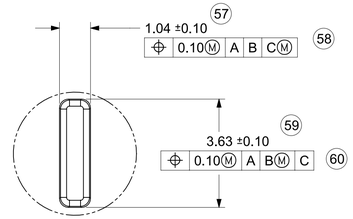
DETAIL 4
SCALE 15:1



DETAIL 6
SCALE 10:1



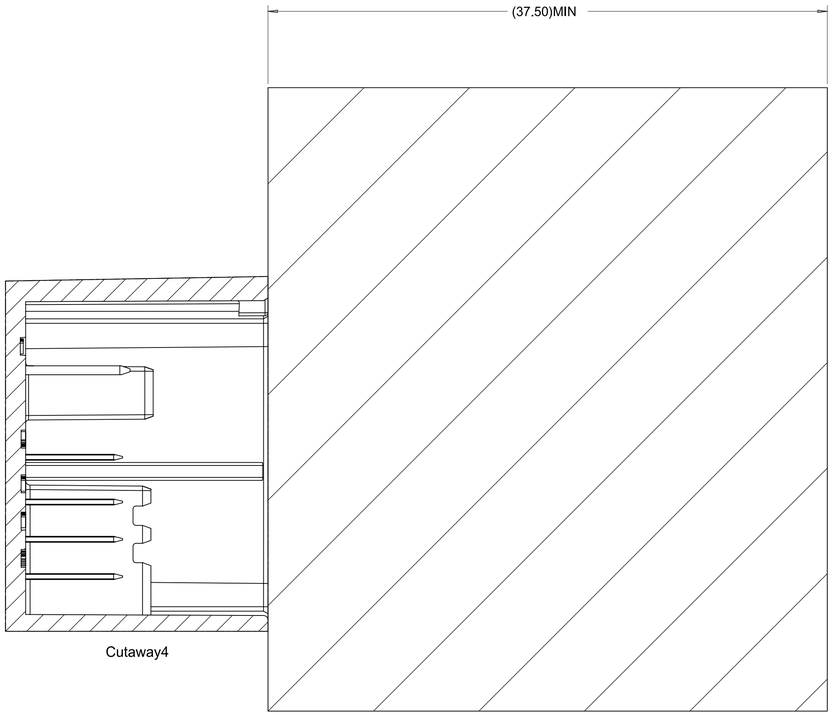
DETAIL 8
SCALE 10:1



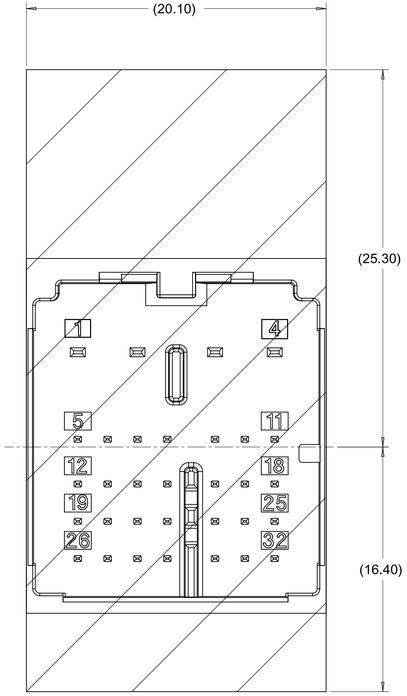
DETAIL 5
SCALE 10:1

FUNCTIONAL SYMBOLS: F A = 0; F C = 0; F P = 6	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
DIVISIONAL SYMBOLS	DIMENSION UNITS: MM	SCALE: 5:1	CURRENT REV DESC: SEE REVISION TABLE	molex	
	GENERAL TOLERANCES (UNLESS SPECIFIED)			32WAY STAK50H INTERFACE DRAWING	
	ANGULAR TOL ± 0.5°			PRODUCT CUSTOMER DRAWING	
	4 PLACES ±		STATUS: Production	DOCUMENT NUMBER: SD-160028-002	DOC TYPE: PSD; DOC PART: 001; REVISION: C
	3 PLACES ±		DRWN: Yann Chen 2025-03-05		
	2 PLACES ±		CHK'D: Nick Wang 2025-03-07		
	1 PLACE ±		APPR: Ringo Hu 2025-03-07		
	0 PLACES ±		SEE NOTES		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION; DRAWING: D-SIZE; SERIES: 160028	MATERIAL NUMBER	CUSTOMER: GENERAL MARKET; SHEET NUMBER: 2 OF 3

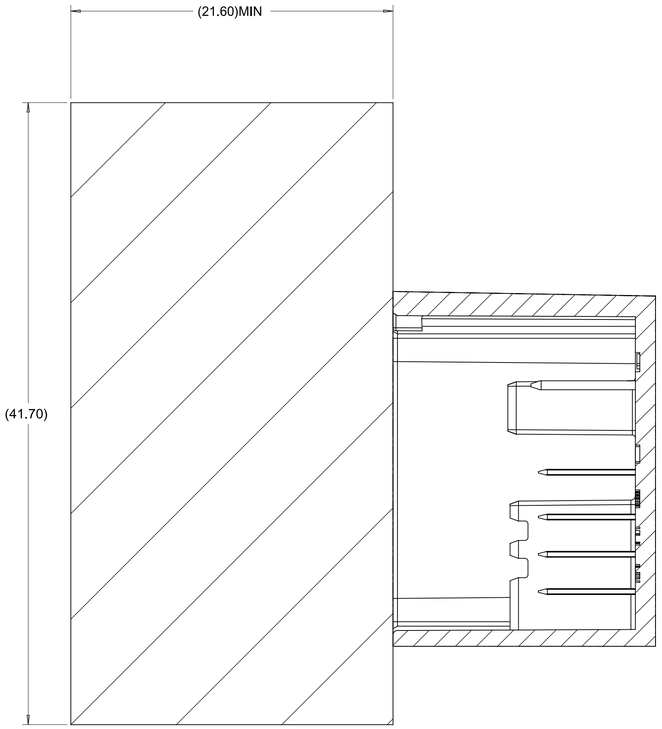
PACKAGE SPACE
FOR UNMATED
CONNECTOR



PACKAGE SPACE
FOR CONNECTOR



PACKAGE SPACE
FOR MATED
CONNECTOR
WITH COVER



FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
FA = 0	DIMENSION UNITS: MM	SCALE: 5:1	CURRENT REV DESC: SEE REVISION TABLE	molex
FC = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			32WAY STAK50H INTERFACE DRAWING
FD = 0	ANGULAR TOL ± 0.5°			
DIVISIONAL SYMBOLS	4 PLACES ±			PRODUCT CUSTOMER DRAWING
	3 PLACES ±		STATUS: Production	
	2 PLACES ±		DRWN: Yann Chen 2025-03-05	DOCUMENT NUMBER: SD-160028-002 / DOC TYPE: PSD / DOC PART: 001 / REVISION: C
	1 PLACE ±		CHK'D: Nick Wang 2025-03-07	
	0 PLACES ±		APPR: Ringo Hu 2025-03-07	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION / DRAWING: D-SIZE / SERIES: 160028	MATERIAL NUMBER / CUSTOMER: GENERAL MARKET / SHEET NUMBER: 3 OF 3

SEE NOTES