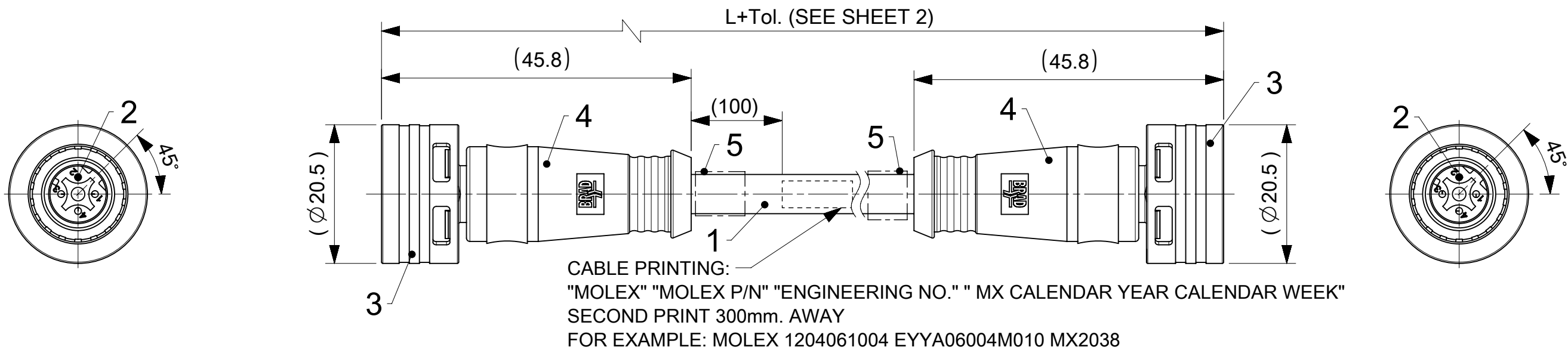
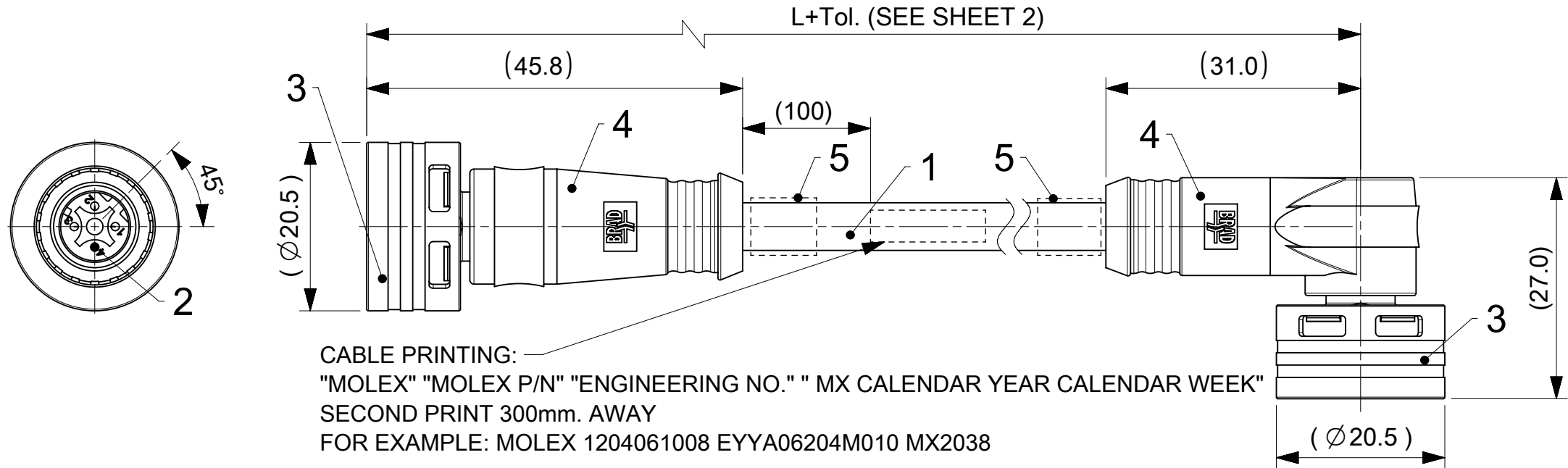


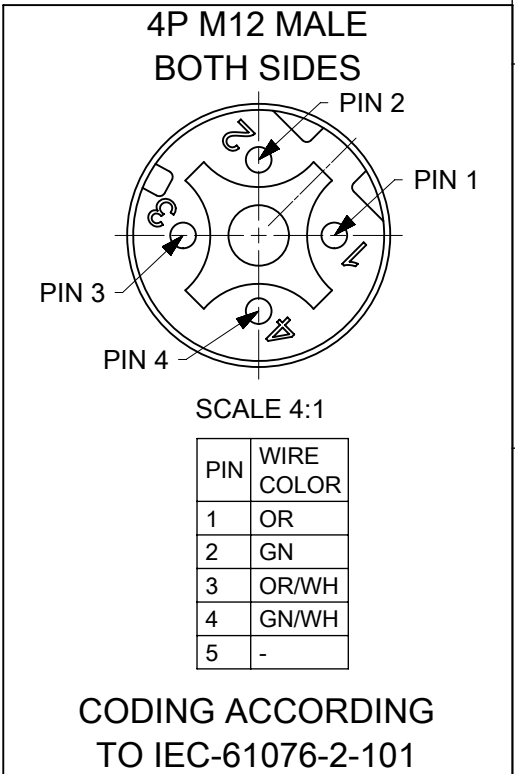
CSE U12ET 4P DC MA STR MA STR TPE XM DE UNSH TE :



CSE U12ET 4P DC MA STR MA RA TPE XM DE UNSH TE :



- NOTES:
1. PARTS ACC. TO PRODUCT SPECIFICATION 1204000001 PS P10 AND IN STYLE OF IEC-61076-2-010
 2. BOM & PART LIST - SEE SHEET 2
 3. ELECTRICAL DATA: ACCORDING TO CAT5e ETHERNET STANDARD
RATED VOLTAGE: 60V DC
RATED CURRENT: 1.5A, DERATING HAS TO BE CONSIDERED
OVERVOLTAGE CATEGORY: 3
POLLUTION DEGREE: 3, ONLY IN MATED AND LOCKED CONDITION
TRANSMISSION CHARACTERISTICS ACCORDING TO ISO/IEC 11801 CAT 5e PATCH CORD PROFINET TYPE C
 4. PROTECTION CLASS: IP 67, ONLY IN MATED AND LOCKED CONDITION
 5. TEMPERATURE RANGE:
TEMPERATURE PLUG/SOCKET: -40 °C TO +85 °C
TEMPERATURE CABLE: SEE CABLE LIST
 6. MECHANICAL OPERATIONS: 100 CYCLES
 7. MATES WITH ULTRA-LOCK M12 FEMALE RECEPTACLES
 8. PACKAGING: THE CORDSETS ARE SINGLE PACKED IN PLASTIC BAGS AND DELIVERED IN CARTON BOXES
 9. UL CSA FILE REGISTRATION PENDING

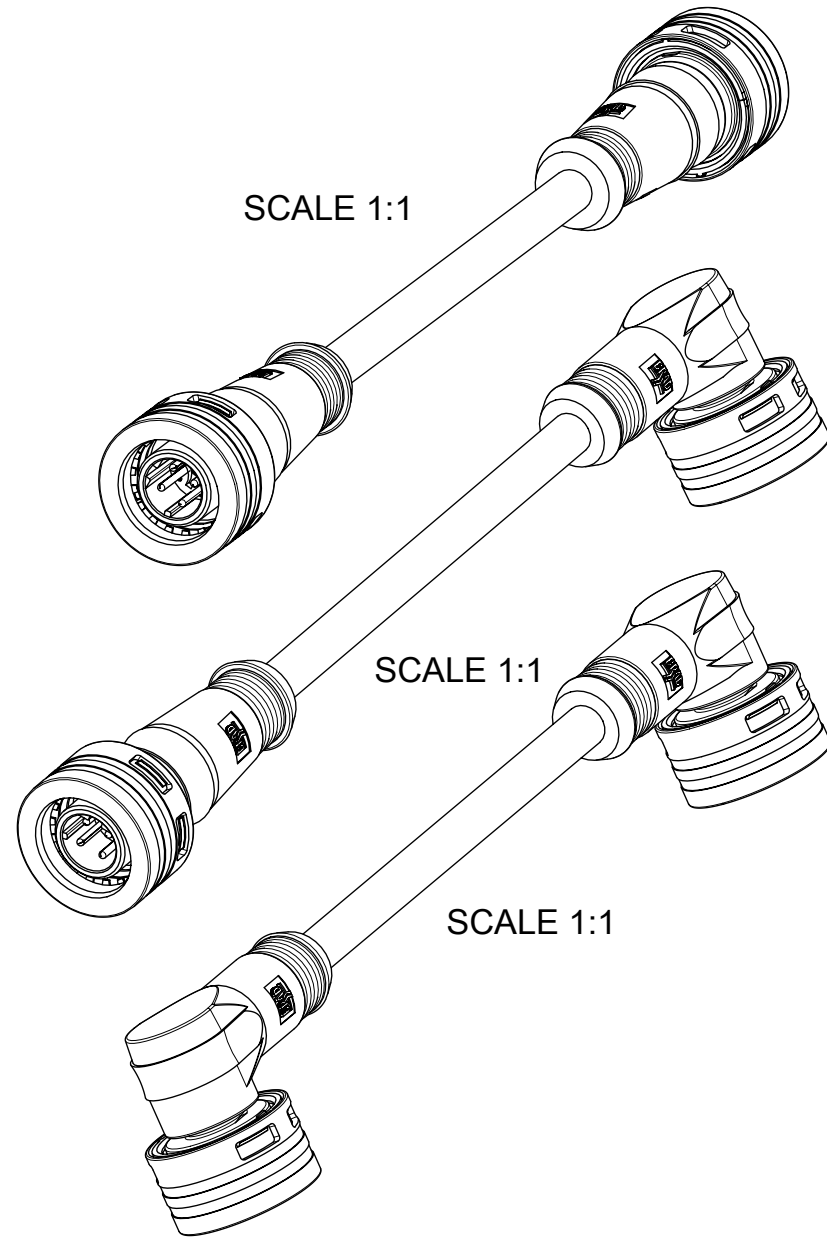
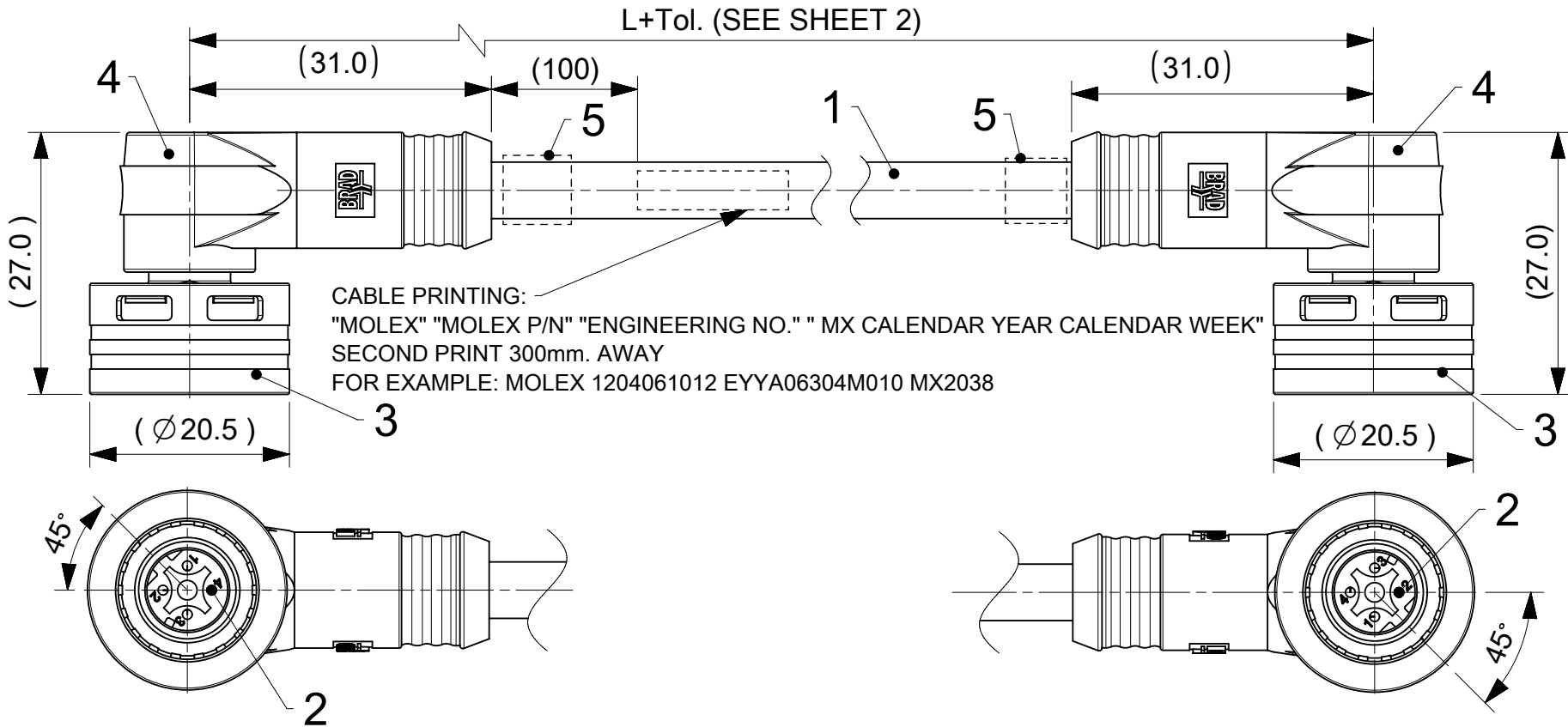


PIN	WIRE COLOR
1	OR
2	GN
3	OR/WH
4	GN/WH
5	-

CODING ACCORDING TO IEC-61076-2-101

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: NOTES AND CABLE LIST	
A = 0		mm		1.5:1	
E = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)		4 PLACES ±	
E = 0		ANGULAR TOL ± 1.0 °		3 PLACES ±	
DIVISIONAL SYMBOLS		2 PLACES ± 0.05		1 PLACE ± 0.3	
		0 PLACES ± 0.5		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
		THIRD ANGLE PROJECTION		DRAWING	
		A3-SIZE		SERIES	
		120406		MATERIAL NUMBER	
		SEE SHEET 2		CUSTOMER	
		GENERAL MARKET		SHEET NUMBER	
		1 OF 2			

CSE U12ET 4P DC MA RA MA RA TPE XM DE UNSH TE :



PART No MATRIX

Options matrix for the cable assembly. The matrix consists of a grid of boxes containing letters and symbols. Below the matrix are boxes for EYY=ETHERNET, WIRING, HEADER, CABLE, UNIT, LENGTH, and OVERMOLD.

E	Y	Y	A	X	X	X	X	X	X	X	X	X	X		
EYY=ETHERNET ULTRA LOCK 2.0 4 POLE D-CODE DOUBLE ENDED			WIRING: A = 4POLE STRAIGHT WIRED		HEADER : 060 = MALE STRAIGHT - MALE STRAIGHT 062 = MALE STRAIGHT - MALE RIGHT ANGLE 063 = MALE RIGHT ANGLE - MALE RIGHT ANGLE			CABLE: 04 - ETHERNET CAT-5E 2x2x24AWG TPE TEAL		UNIT: M = METER F = FEET C = CENTIMETER T = 10M		LENGTH: EXAMPLE: 010 = 1 m 050 = 5 m 100 = 10 m		OVERMOLD: BLANK = STANDARD BRAD: -YELLOW IN THE USA -BLACK IN EUROPE A = GREY E = RED G = BLACK Y = YELLOW H = STD. COLOUR WITH TWO ID-TAG CARRIERS	

CABLE LIST

4P	CABLE TYPE	DESCRIPTION	MATERIAL	FINISH/COLOR	FIXED INSTALLATION *		FLEXIBLE INSTALLATION **		DRAG CHAIN	
					MIN.	MAX.	MIN.	MAX.	MIN.	MAX.
X	04	CABLE ETHERNET CAT-5E TPE TEAL 2X2X24AWG D6.5	TPE	TEAL	-20°C	+75°C	-5°C	+75°C	-	-

* FIXED POSITION WITHOUT ACCIDENTAL CRUSHING OF VIBRATION.
** FREE MOTION WITHOUT PERIODIC RECURRENCE OR FORCED GUIDANCE.

BILL OF MATERIAL

MA STR	MA STR	MA RA	ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
-MA STR	-MA RA	-MA RA					
X	X	X	1	-	CABLE	SEE CABLE LIST	SEE CABLE LIST
X	X	X	2	8	CONTACT 10 MA STA NI	COPPER ALLOY	GOLD OVER NICKEL PLATED
X	X	X	3	2	PLG U12 4P DC MA PA UNSH WT	-	-
X	X	X	4	2	OVERMOLD	TPC	SEE MATRIX
IF "H" IS IN MATRIX-END			5	2	I/D CARRIER DIA 4-7MMX30MM	PVC	TRANSPARENT

DOCUMENT STATUS P1 RELEASE DATE 2023/01/31 08:21:28

CABLE LENGTH TOLERANCES	
LENGTH	TOLERANCE
0m-1m	+40 mm
>1m-5m	+60 mm
>5m-10m	+80 mm
>10m-20m	+140 mm
>20m-30m	+160 mm
>30m	+1% length

PART LIST

MOLEX NO.	ENGINEERING NO.	LENGHT (mm)
1204061004	EYYA06004M010	1000
1204061005	EYYA06004M020	2000
1204061006	EYYA06004M050	5000
1204061007	EYYA06004M100	10000
1204061008	EYYA06204M010	1000
1204061009	EYYA06204M020	2000
1204061010	EYYA06204M050	5000
1204061011	EYYA06204M100	10000
1204061012	EYYA06304M010	1000
1204061013	EYYA06304M020	2000
1204061014	EYYA06304M050	5000
1204061015	EYYA06304M100	10000

Functional symbols, dimension units, scale, and drawing information. Includes a table for functional symbols, a table for dimension units, a table for scale, and a table for drawing information. Also includes a table for drawing information and a table for drawing information.

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE	1.5:1
mm			
GENERAL TOLERANCES (UNLESS SPECIFIED)			
ANGULAR TOL	± 1.0 °		
4 PLACES	±		
3 PLACES	±		
2 PLACES	± 0.05		
1 PLACE	± 0.3		
0 PLACES	± 0.5		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			
THIRD ANGLE PROJECTION			
DRAWING			
SERIES			
120406			
EC NO: 736602			
DRWN: RSCHIEBER			
CHK'D: RSILLER			
APPR: RSILLER			
INITIAL REVISION:			
DRWN: JELIZAINCIN			
APPR: RSILLER			
DOCUMENT NUMBER			
1204061004			
DOC TYPE			
PSD			
DOC PART			
000			
REVISION			
A1			
MATERIAL NUMBER			
SEE PART LIST			
CUSTOMER			
GENERAL MARKET			
SHEET NUMBER			
2 OF 2			