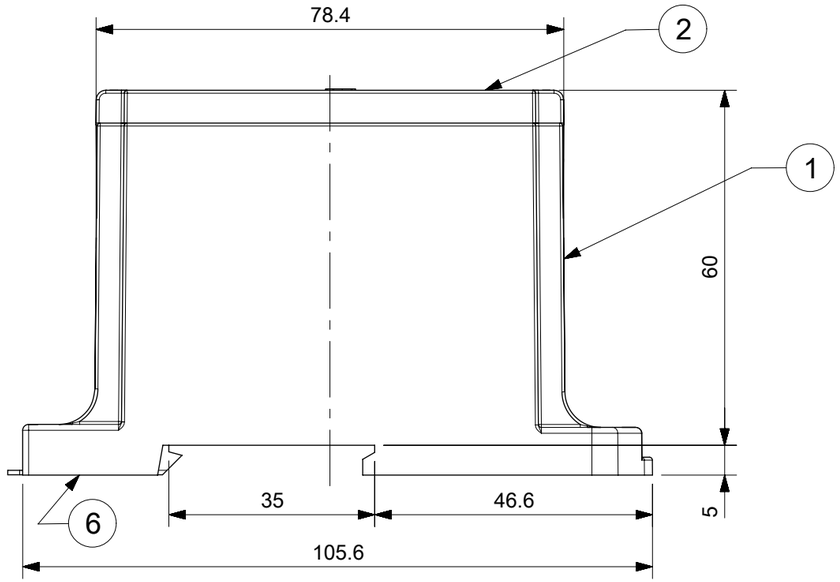
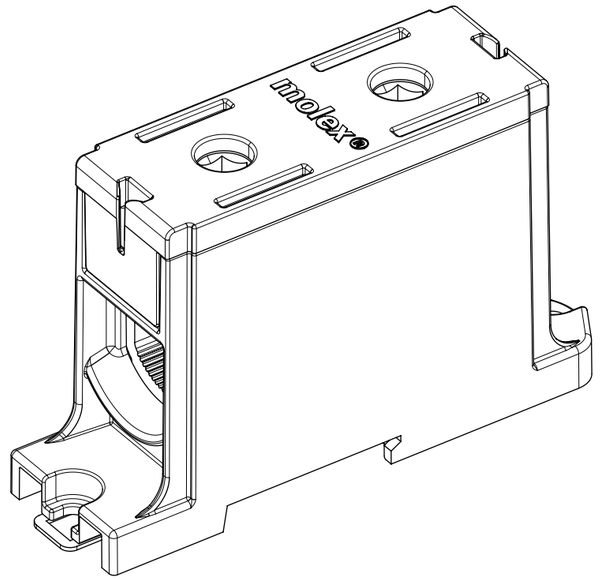
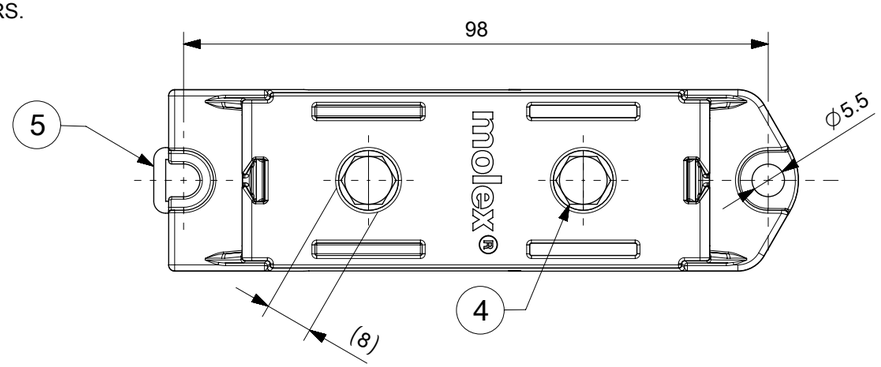
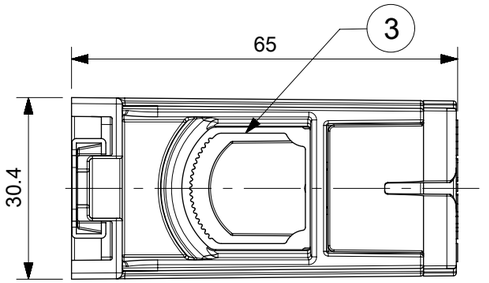
NOTES:
1. MOUNTING TYPE: 35mm DIN RAIL OR SCREW.
2. VOLTAGE: 1000 V (UL).
3. CURRENT: Cu 285A (UL).
4. WIRE CROSS-SECTION RANGE, UL:
   Cu 300mm²-2 AWG (33.6-300mm²) STRANDED
   Al 300mm²-2 AWG (33.6-300mm²) STRANDED
   Cu (2-3)X 2 AWG (2-3X 33.6mm²) STRANDED
   Cu 2X 1/0 AWG (2X53.5mm²) STRANDED
5. HEAD CAP SCREW WITH 8mm HEXAGON SOCKET SIZE.
   USE A TOOL WITH LENGTH ALLOWING FOR A FULL SCREW ENGAGEMENT.
6. RECOMMENDED TIGHTENING TORQUE:
   216 Lb-In (24Nm).
7. ALL ELECTRICAL AND MECHANICAL SPECIFICATIONS ARE PER UL1059 AS NOTED IN MOLEX UL AGENCY APPROVAL.
8. THE SUITABILITY OF THESE TERMINALS SHALL BE DETERMINED IN THE END-USE INVESTIGATION.
9 AS ENVIRONMENTAL BARRIER DIELECTRIC GREASE MAY BE PRESENT IN THE WIRING CHAMBER. ENSURE TO USE THE RECOMMENDED TIGHTING TORQUE FOR ALL CONDUCTORS.









2016061637	MX-KE163.6	UCLP 1PL GRY/BLK 285A/1000V	GREY	BLACK
2016061635	MX-KE163.4	UCLP 1PL GRY/RED 285A/1000V	GREY	RED
2016061633	MX-KE163.2	UCLP 1PL GRY/BLU 285A/1000V	GREY	BLUE
2016061630	MX-KE163	UCLP 1PL GRY/GRY 285A/1000V	GREY	GREY
MATERIAL No	ENGINEERING No	DESCRIPTION	HOUSING COLOR	COVER COLOR

ITEM	QTY	DESCRIPTION	MATERIAL
6	1	SPRING, LATCH	STEEL
5	1	LATCH, DIN	STEEL
4	2	SCREW, SET	ALUMINUM
3	1	CAGE	ALUMINUM
2	1	COVER	POLYAMIDE
1	1	HOUSING	POLYAMIDE

TOLERANCE	>0.5=3	>3=6	>6=30	>30=120	>120=400
ISO 2768-m	±0.1	±0.1	±0.2	±0.3	±0.5

RELEASE STATUS	P1	RELEASE DATE	23.08.2017	16:18:43

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RELEASE
EC NO: 120966 2017/08/22
DRWN: WLEUNG 2017/08/22
CHK'D: DNGUYEN62 2017/08/23
APPR: JFMURPHY

A REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ±	°	
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	SEE CHART
1 PLACE	±	SEE CHART
0 PLACES	±	SEE CHART

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS: mm
SCALE: 1:1
DRWN BY: WLEUNG DATE: 2017/08/22
CHK'D BY: DNGUYEN62 DATE: 2017/08/22
APPR BY: JFMURPHY DATE: 2017/08/23
DRAWING SIZE: B
FIRST ANGLE PROJECTION

molex®

MX-KE163
UCLP 1PL GRY/GRY 285A/1000V

PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
201606	2016061630	

DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
2016061630	PSD	000	1 OF 1

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