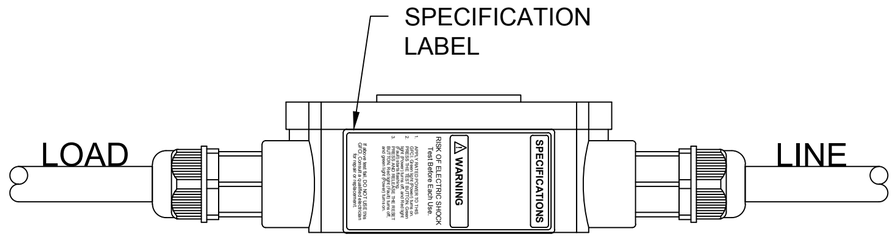

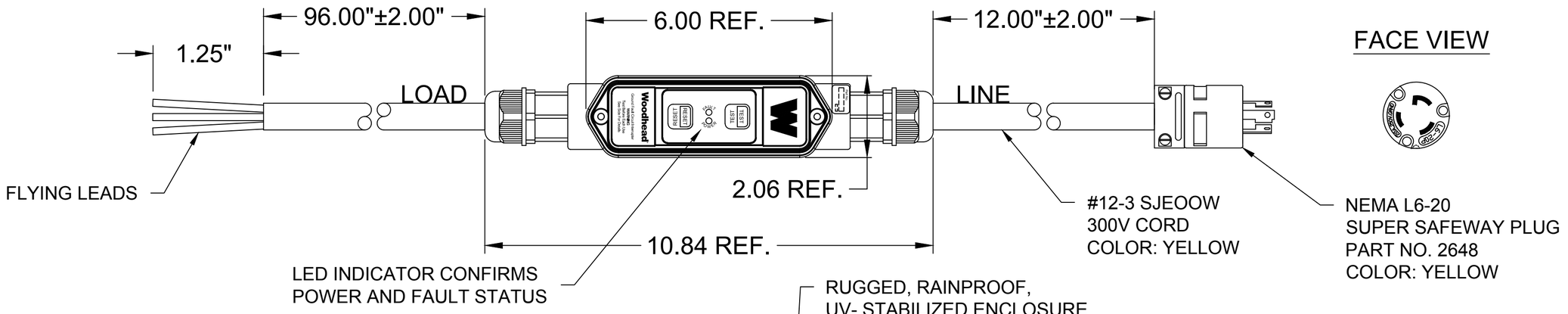

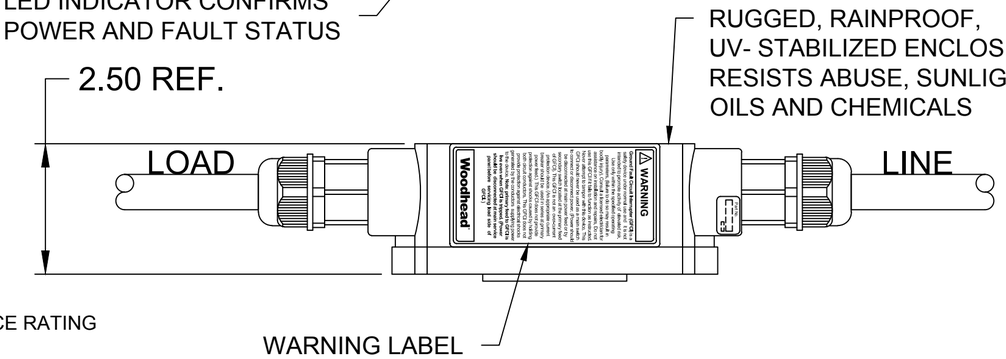

TECHNICAL:

RATED VOLTAGE:	240VAC
OPERATING VOLTAGE RANGE:	85% TO 110% OF RATED
CURRENT:	UP TO 20 AMPS OR DEVICE RATING
FREQUENCY:	60Hz
TRIP LEVEL:	5 ± 1mA
PHASE:	SINGLE
RESPONSE TIME:	25 mS MAX.
DIELECTRIC WITHSTAND:	1500 VRMS ACROSS CONTACT 4000 VRMS BETWEEN CONDUCTORS AND ENCLOSURE
SURGE WITHSTAND:	6000V IMPULSE, 0.5 MICROSECOND RISE TIME 100KHZ RINGING FREQUENCY WITH 40% DECAY PER CYCLE
OPERATING TEMPERATURE RANGE:	-35°C TO +66°C (-31°F TO +150°F)
LEAKAGE CURRENT @ 93% HUMIDITY:	ZERO
OVERLOAD CURRENT:	120 AMPS, 50% INDUCTIVE
RF NOISE SUSCEPTIBILITY:	NORMAL OPERATION WITH 0.5 VRMS INJECTED ON POWER LINE WITH FREQUENCIES UP TO 450 MHz
LET GO LINE VOLTAGE:	60% OF RATED
GROUNDED NEUTRAL DETECTION:	2 OHMS OR LESS

GENERAL:

CONSTRUCTION:	INDUSTRIAL GRADE DESIGN
TYPE:	CLASS A
POWER-UP TYPE:	AUTO
OPEN NEUTRAL PROTECTION:	TRIPS UPON LOSS OF NEUTRAL
GROUNDED NEUTRAL PROTECTION:	TRIPS IF GROUND AND NEUTRAL TOUCH AT LOAD SIDE
POWER ON INDICATION:	LIGHTED GREEN LED
POWER OFF INDICATION:	BLINKING RED LED
MOUNTING TYPE:	PORTABLE
WIRE APPLICATION:	3 WIRE, SINGLE PHASE (HOT, NEUTRAL AND GROUND)
WIRING CONNECTIONS:	PORTABLE (IN-LINE)
SWITCH INTERFACE:	DOUBLE INSULATED
LATCHING MECHANISM:	ELECTROMAGNETIC
FALSE TRIP DUE TO IMPACT:	NONE
AGENCY APPROVAL:	NONE

RELEASE DRAWING
EC NO: IPG2018-0120
DRWN: BPATTERS 2017/08/16
CH'KD: WLEUNG ----
APPR: HKNEELAN 2017/08/28
REV: A
DESCRIPTION

QUALITY SYMBOL
▼=0
C▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±---	±---
1 PLACE	±---	±---
ANGULAR ±.5°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: INCH
SCALE: NTS
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: BPATTERS DATE: 2017/08/16
CHECKED BY: WLEUNG DATE: ----
APPROVED BY: HKNEELAN DATE: 2017/08/28

TITLE: 240VAC 20A INLINE GFCI
1FT #12-3 W/ 2648 LINE
8FT #12-3 W/ FLYLDS LOAD

MOLEX INCORPORATED

MATERIAL NO.: 1301530276
DOCUMENT NO.: SD-130153-276
SHEET NO.: 1 0F 1
SIZE: C

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