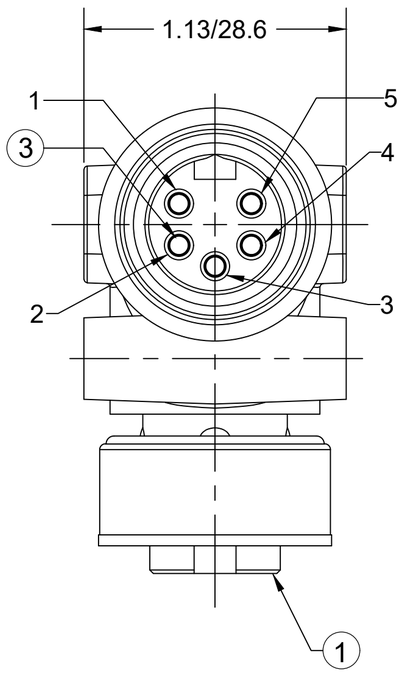
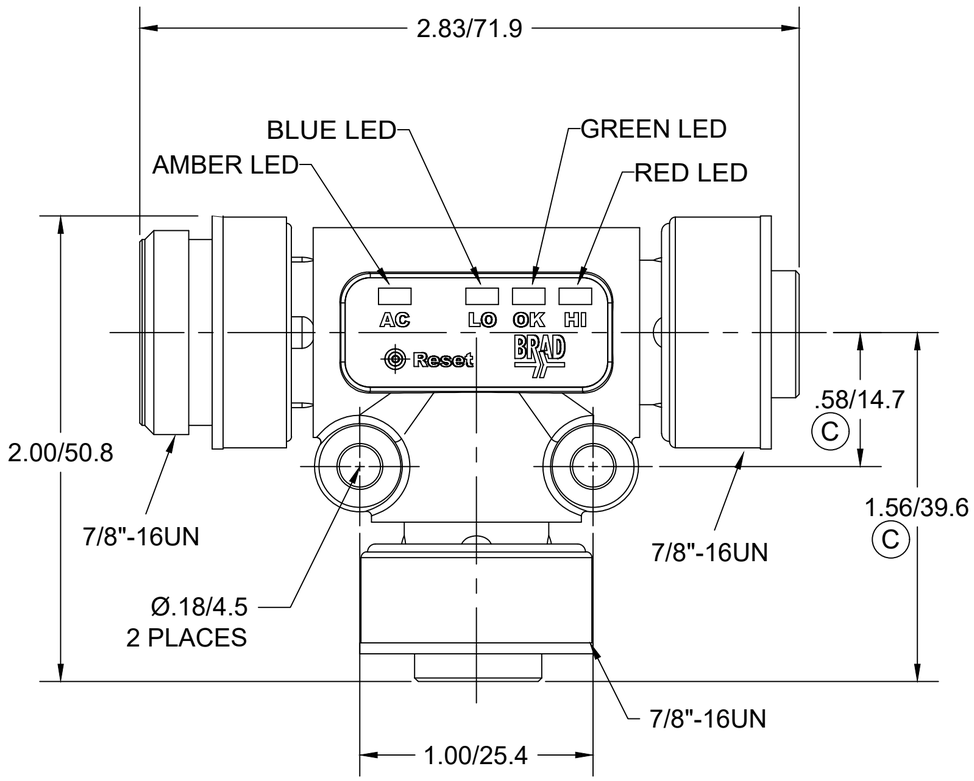
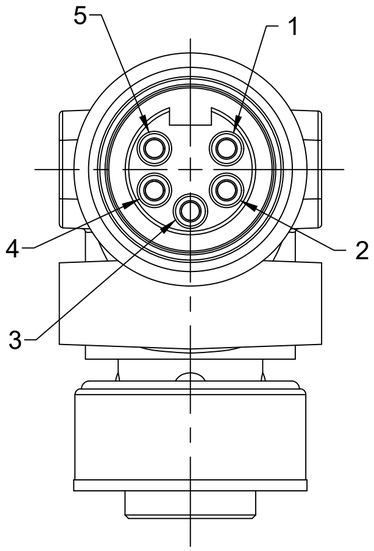
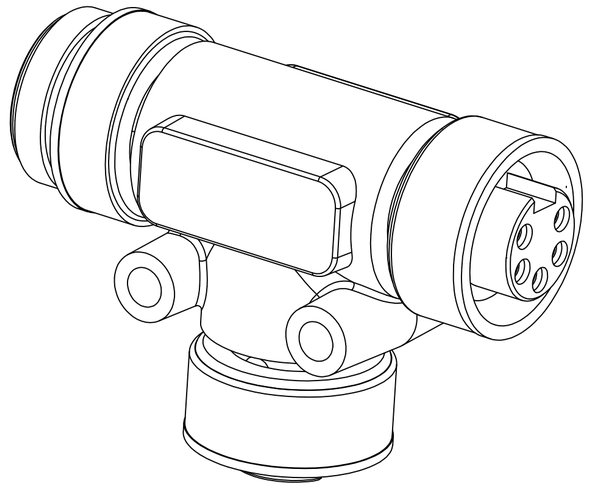
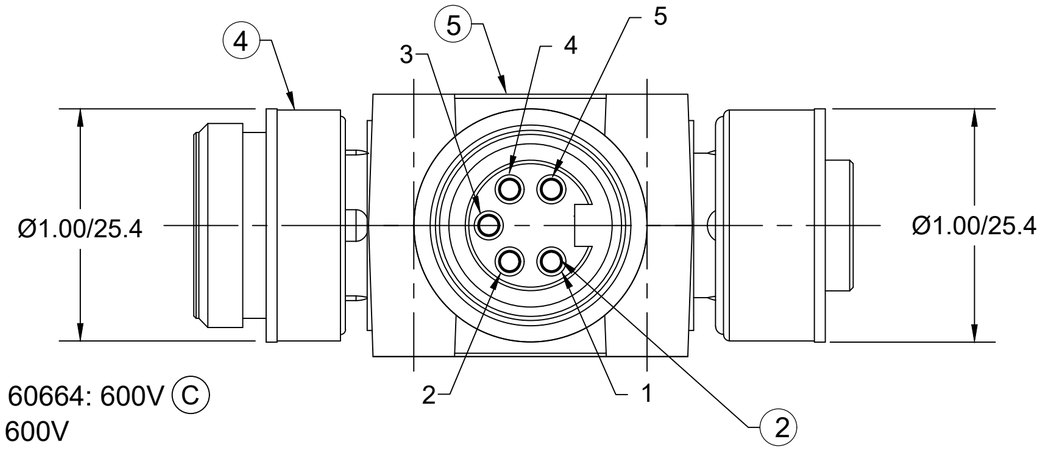
MATERIAL NUMBER	OLD PART NUMBER
1300350060	DN3020PM-1



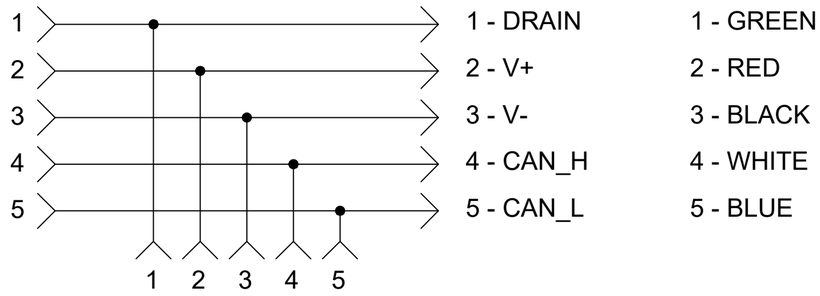








SCHEMATIC



NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
   VOLTAGE RATING PER IEC 60664: 600V (C)
   VOLTAGE RATING PER UL: 600V
   CURRENT: 8A
4. TEMP RATING: -20° TO +105°C (C)
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD- AS NOTED
7. UL RECOGNIZED FILE: E152210
8. ALL DIMENSIONS ARE FOR REFERENCE
   UNLESS TOLERANCED OR NOTED OTHERWISE

LED FUNCTIONALITY:

SOLID GREEN LED = BUS VOLTAGE >12.90 AND <=24.78
FLASHING GREEN LED = BUS VOLTAGE WITHIN LIMITS OF SOLID GREEN OPERATION, BUT POWER HAS BEEN CYCLED WITHIN PREVIOUS 24 HRS
FLICKERING RED LED = BUS VOLTAGE >24.78 (GREATER THAN 25.3 TO GUARANTEE DETECTION)
FLASHING RED LED = BUS VOLTAGE >24.78 (25.3) WITHIN PREVIOUS 24 HRS
FLICKERING BLUE LED = BUS VOLTAGE <12.90 (12.4)
FLASHING BLUE LED = BUS VOLTAGE <12.90 (12.4) WITHIN PREVIOUS 24 HRS
FLICKERING AMBER LED = BUS VOLTAGE HAS A REPEATED TRANSIENT VOLTAGE (BETWEEN 10Hz AND 250Hz) PRESENT THAT EXCEEDS THE DETECTION THRESHOLD (THRESHOLD LEVEL VARIES BY FREQUENCY)
FLASHING AMBER LED = BUS VOLTAGE HAS EXPERIENCED A TRANSIENT OR RIPPLE AS SPECIFIED FOR FLICKERING AMBER CONDITION WITH PREVIOUS 24 HRS}

ITEM	COMPONENT	MATERIAL	FINISH	
1	INSERT	TPC	GRAY	(C)
2	CONTACT SOCKET	COPPER ALLOY	GOLD OVER NICKEL	
3	CONTACT PIN	COPPER ALLOY	GOLD OVER NICKEL	
4	COUPLING NUT	ZINC DIE CAST	BLACK E-COATED	
5	OVERMOLD	TPC	GRAY	(C)

DOCUMENT STATUS	P1	RELEASE DATE	2020/10/23 13:29:04

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

FUNCTIONAL SYMBOLS: FA=0, FC=0, FD=0
DIVISIONAL SYMBOLS

DIMENSION UNITS: INCH/MM
SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±----	±----
3 PLACES	±----	±----
2 PLACES	±----	±0.01
1 PLACE	±0.3	±----
0 PLACES	±----	±----
ANGULAR TOL ± 0.5 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: ITEM# 1 & 5 WERE TPE. REMOVED CSA. ADDED TEMP RATING & CURRENT VALUE. UPDATED VOLTAGE RATING. ADDED DIMS

EC NO: 645633
DRWN: ABENJAMINLW 2020/09/04
CHK'D: RSTONE 2020/09/29
APPR: BWOODMAN 2020/10/23

INITIAL REVISION:
DRWN: BWOODMAN 2009/08/21
APPR: JFMURPHY 2009/08/27

molex

MINI-CHANGE DNET, A SIZE.
5 POLE, MALE-FEMALE, POWER MONITOR TEE, SINGLE KEY, 18 AWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130035-005	PSD	001	C

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 130035 | MATERIAL NUMBER: SEE CHART | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 1 OF 1

FORMAT: IN-ACAD-tb-prod-C
REVISION: B
DATE: 2020/01/14