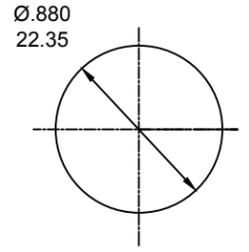
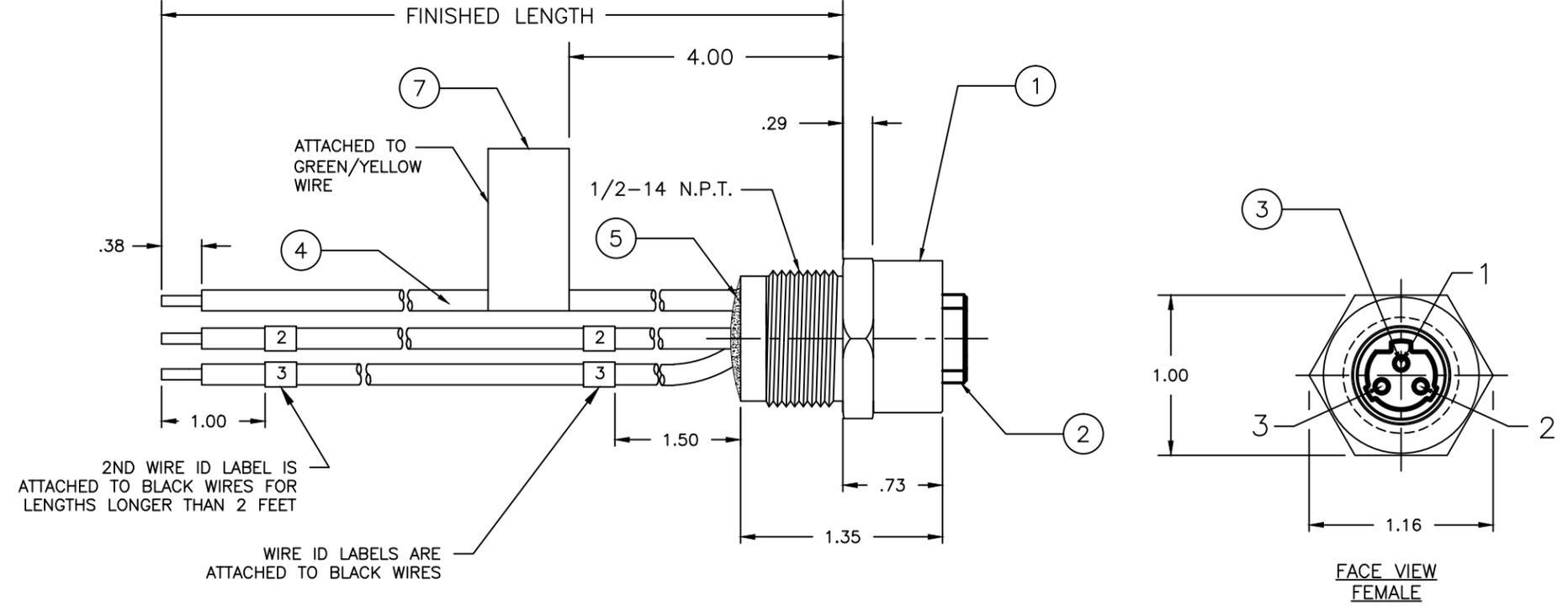


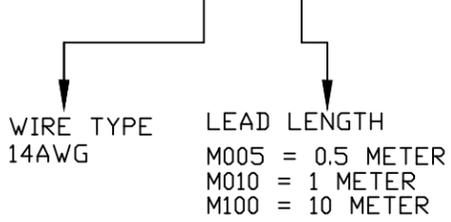
CABLE LENGTH TOLERANCES

| | |
|--------------------------|-------------------------|
| >.3M [1FT]: | +19mm-0 [+.75in-0] |
| .3 - .9M [1 - 3FT]: | +44.5mm-0 [+1.75in-0] |
| .9 - 1.8M [3 - 6FT]: | +55.6mm-0 [+2.19in-0] |
| 1.8 - 3.7M [6 - 12FT]: | +88.9mm-0 [+3.50in-0] |
| 3.7 - 7.3M [12 - 24FT]: | +165.1mm-0 [+6.50in-0] |
| 7.3-14.6M [24 - 48FT]: | +317.5mm-0 [+12.50in-0] |
| 14.6 - 30.5M [48-100FT]: | +622.3mm-0 [+24.50in-0] |
| OVER 30M [100FT] | +2% OF FINISHED LENGTH |



REF. KNOCKOUT HOLE

1R3100A83M020G



WIRING DIAGRAM

| | |
|--------------|---|
| GREEN/YELLOW | 1 |
| BLACK #2 | 2 |
| BLACK #3 | 3 |

- NOTES:**
- MATERIAL: AS NOTED
 - FINISH: AS NOTED
 - ELECTRICAL:
 - VOLTAGE: 500V PER IEC60664
 - 600V PER UL2238
 - CURRENT: 15A
 - TEMP RATING: -20°TO +90°C
 - PROTECTION: IP67 (WHEN MATED)
 - COUPLING THREAD: 7/8-16UN
 - ALL DIMS ARE FOR REFERENCE UNLESS NOTED OTHERWISE

CHART

| PART NO. | ENGINEERING NO. | FINISHED LENGTH |
|------------|-----------------|----------------------------|
| 1300660321 | 1R3100A83M020G | 2M+88.9mm-0 [6' 7"+3.50-0] |

| ITEM | DESCRIPTION | MATERIAL | FINISH |
|------|-----------------------|----------------|------------------|
| 6 | FLAG LABEL | VINYL | BLACK/YELLOW |
| 5 | POTTING MATERIAL | EPOXY | |
| 4 | WIRE, 14 AWG (UL1015) | PVC INSULATION | SEE WIRE DIAGRAM |
| 3 | CONTACT SOCKET | COPPER ALLOY | GOLD PLATED |
| 2 | FEMALE INSERT | PVC | BLACK |
| 1 | RECEPTACLE SHELL | ZINC DIE-CAST | NICKEL PLATED |

| | | | | | | | | | | | |
|--|--------------------|-------------------------------|---------------------------------------|--------------|---|--------------------|----------|--------------|------------------------|---|--|
| WAS 400V, ADD LENGTH TOLS EC NO: IPG2017-0855 DRWN: RSTONE 3/10/17 CHKD: M ZIELIN 2017/03/14 APPR: BWOODMAN 2016/08/05 | DESCRIPTION REV | QUALITY SYMBOLS ▽=0 ∇=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE | | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | | |
| | | | | | INCH | | NTS | INCH | | | |
| | | | 4 PLACES | | mm | INCH | DRAWN BY | DATE | | TITLE | |
| | | | 3 PLACES | | ±--- | ±--- | TWOLDEGE | 2012/03/29 | | MINI-CHANGE BRAD POWER 3P FEMALE TRI-KEY RECEPT #14/1 AWG PVC WIRES | |
| 2 PLACES | | ±--- | ±--- | CHECKED BY | DATE | MOLEX INCORPORATED | | | | | |
| 1 PLACE | | ±--- | ±--- | RSTONE | 2016/08/04 | DOCUMENT NO. | | | | | |
| ANGULAR ±---° | | | | APPROVED BY | DATE | SHEET NO. | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | TWOLDEGE | 2016/08/05 | SD-130066-071 | | | | | |
| | | | | MATERIAL NO. | SEE CHART | | 1 OF 1 | | | | |
| | | | | SIZE | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | |
| | | | | B | | | | | | | |