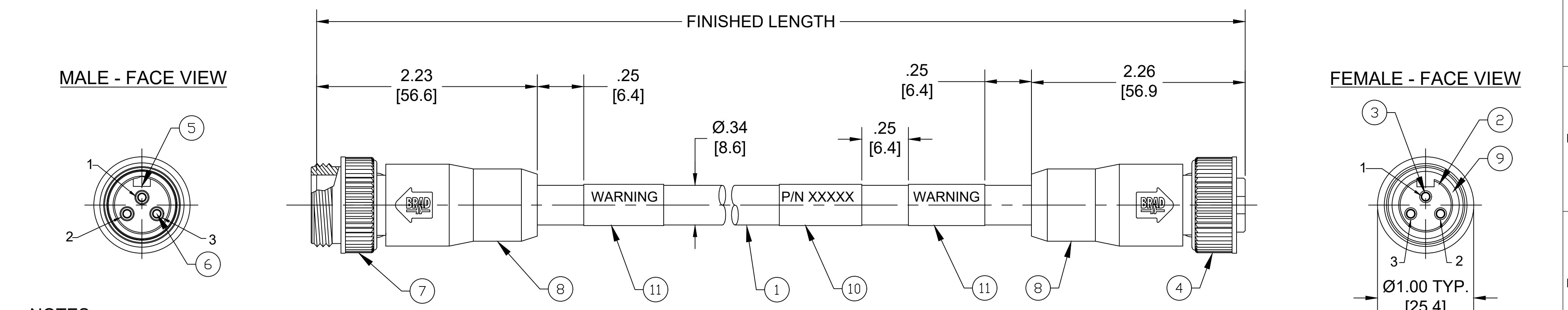


|            |                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                          |   |   |   |   |   |   |   |   |
|------------|-----------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|
| 12         | 11              | 10                 | 9                                                                                                                                                                                                                                                                                                                                                                                                        | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| PART NO    | ENGINEERING NO. | FINISHED LENGTH    | CABLE LENGTH TOLERANCES<br><.3M [1FT]: +19mm-0 [ +.75in-0]<br>.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]<br>.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]<br>1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]<br>3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]<br>7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]<br>14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]<br>OVER 30M [100FT] +2% OF FINISHED LENGTH |   |   |   |   |   |   |   |   |
| 1300621009 | 113030K20M020   | 2M [6 FT 7 IN]     |                                                                                                                                                                                                                                                                                                                                                                                                          |   |   |   |   |   |   |   |   |
| 1300621153 | 113030K20M900G  | 90M [295 FT 3 IN]  |                                                                                                                                                                                                                                                                                                                                                                                                          |   |   |   |   |   |   |   |   |
| 1300621122 | 113030K20T170E  | 170M [557 FT 9 IN] |                                                                                                                                                                                                                                                                                                                                                                                                          |   |   |   |   |   |   |   |   |



- NOTES:
- 1. MATERIAL: AS NOTED
  - 2. FINISH: AS NOTED
  - 3. ELECTRICAL:
    - VOLTAGE: 500V PER IEC60664
    - 600V PER UL2237
    - CURRENT: 20A
  - 4. TEMP RATING: -20° TO +90°C
  - 5. PROTECTION: IP67 (WHEN MATED)
  - 6. COUPLING THREAD: 7/8"-16UN
  - 7. UL LISTED FILE: E258922
  - 8. ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

PART NO. MATRIX  
113030K20M020E

FINISHED LENGTH  
M005= 0.5 METER  
M010= 1 METER  
M100= 10 METER  
T100= 100 FEET  
T150= 150 FEET

MOLD COLOR:  
BLANK= GRAY (STD)  
E= RED  
G= BLACK

|   |         |   |
|---|---------|---|
| 1 | GRN/YEL | 1 |
| 2 | BLACK   | 2 |
| 3 | WHITE   | 3 |

WIRING DIAGRAM

|      |                     |            |                |
|------|---------------------|------------|----------------|
| 11   | WARNING LABEL       | VINYL      | ORANGE/BLACK   |
| 10   | WRAP LABEL          | VINYL      | BLACK/YELLOW   |
| 9    | FRICTION RING       | NYLON      | NATURAL        |
| 8    | OVERMOLD            | TPE        | SEE P/N MATRIX |
| 7    | MALE COUPLING NUT   | ZINC ALLOY | BLACK E-COAT   |
| 6    | CONTACT PIN         | Cu ALLOY   | GOLD PLATED    |
| 5    | MALE INSERT         | TPE        | BLACK          |
| 4    | FEMALE COUPLING NUT | ZINC ALLOY | BLACK E-COAT   |
| 3    | CONTACT SOCKET      | Cu ALLOY   | GOLD PLATED    |
| 2    | FEMALE INSERT       | TPE        | BLACK          |
| 1    | CABLE 14AWG TC-ER   | TPE JACKET | BLACK          |
| ITEM | COMPONENT           | MATERIAL   | FINISH         |