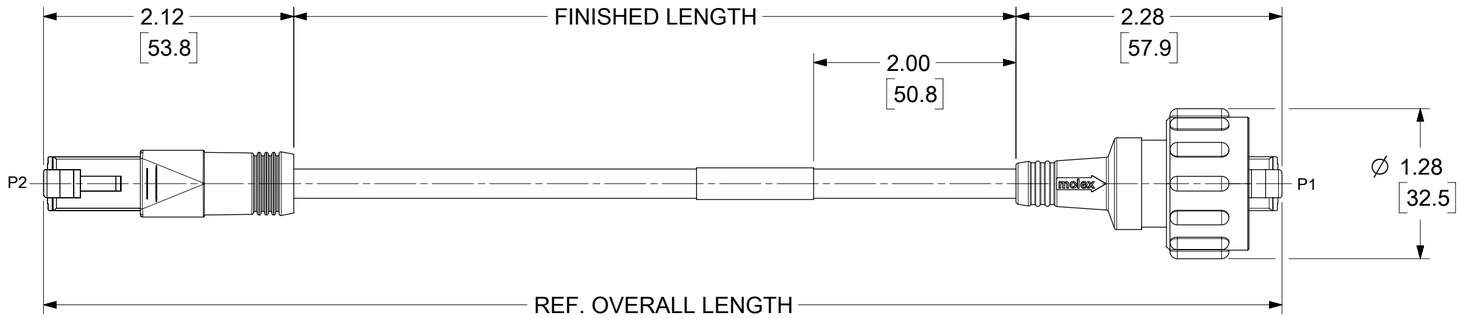
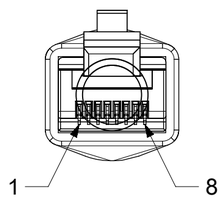
| MATERIAL NO. | LENGTH | REF. OVERALL LENGTH |
|---|---|---|
| 847022003 | 3 FT 0 IN (0.9M) | 3 FT 4.4 IN (1.03M) |

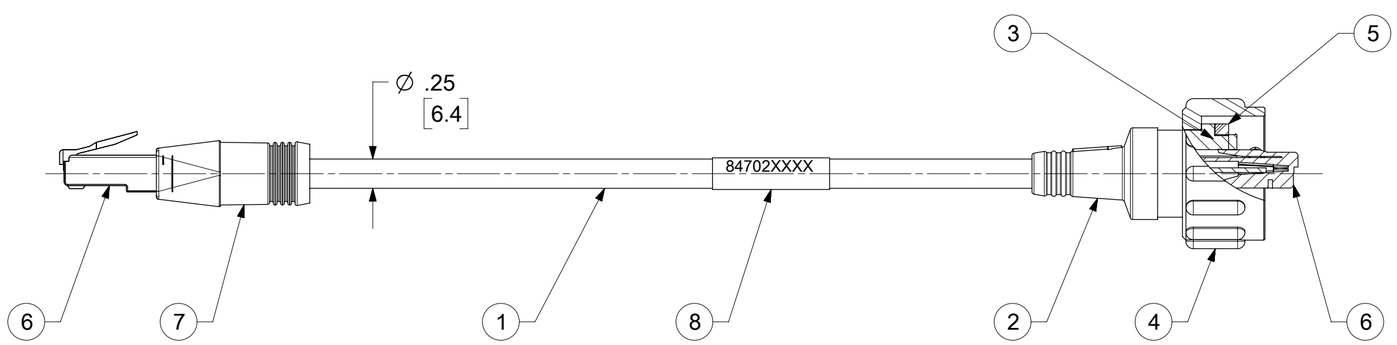
| MATERIAL NO. | LENGTH | REF. OVERALL LENGTH |
|---|---|---|
| 847022015 | 15 FT 0 IN (4.4M) | 15 FT 4.4 IN (4.68M) |
| 847022020 | 20 FT 0 IN (6.1M) | 20 FT 4.4 IN (6.21M) |
| 847022050 | 50 FT 0 IN (15.2M) | 50FT 4.4 IN (15.35M) |

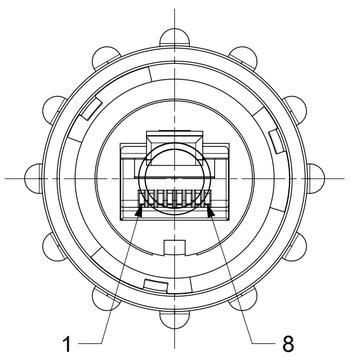
(L) CABLE LENGTH TOLERANCES
<.3M [1FT]: +19mm-0 [ +.75in-0]
.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]
.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]
1.8 - 3.7M [6 - 12FT: +88.9mm-0 [+3.50in-0]
3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]
14.6 - 30.5M [48-100FT]: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




RJ-45 FACE VIEW
SCALE: 2X




RJ-45 FACE VIEW
(BAYONET COUPLING)
SCALE: 2X

(L)

NOTES:
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
   VOLTAGE: 125V
   CURRENT: 1.5A
4. TEMP RATING: -20°C TO +80°C
5. PROTECTION: IP67 (WHEN MATED)
6. MATES WITH STANDARD & BAYONET STYLE RJ-45 JACK ASSEMBLIES.
7. ASSEMBLY IS ROHS COMPLIANT
8. ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

| P2 | | P1 |
|---|---|---|
| 1 | WHITE-ORANGE | 1 |
| 2 | ORANGE | 2 |
| 3 | WHITE-GREEN | 3 |
| 4 | BLUE | 4 |
| 5 | WHITE-BLUE | 5 |
| 6 | GREEN | 6 |
| 7 | WHITE-BROWN | 7 |
| 8 | BROWN | 8 |

WIRE DIAGRAM
(TIA/EIA 568B)

| ITEM | DESCRIPTION | MATERIAL | DESCRIPTION |
|---|---|---|---|
| 8 | WRAP LABEL | VINYL | BLACK/YELLOW |
| 7 | RJ-45 OVERMOLD | TPC | BLACK |
| 6 | RJ-45 PLUG, SHIELDED | PER VENDOR SPEC | GOLD PL. CONTACTS |
| 5 | GASKET SEAL | NITRILE | BLACK |
| 4 | RJ-45 COUPLING RING | PBT | BLACK |
| 3 | RJ-45 HOLDER | PBT | BLACK |
| 2 | OVERMOLD BODY | TPC | BLACK |
| 1 | #24-4 PAIR ENET CBL CAT 6 | PVC JACKET | GRAY |

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

DIMENSION UNITS: INCH/MM | SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#516685

EC NO: 830087
DRWN: PONNAM 2025/07/25
CHK'D: GGA 2025/08/05
APPR: GGA 2025/08/05

INITIAL REVISION:
DRWN: S GILBERT 2003/11/18
APPR: pwaltz 2003/11/19

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 84702

molex

RJ45 CORD ASSEMBLY
MALE BAYONET TO MALE NO DRAIN WIRE

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-84702-002 | PSD | 001 | L1 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE MAT. NO CHART | GENERAL MARKET | 1 OF 1 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/08/05 13:02:03 |
|---|---|---|---|

FORMAT: Eng-lega-master-lb-prod-C
REVISION: E1
DATE: 2021/05/01