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| MATERIAL NUMBER | ENGINEERING NO. | LENGTH ± TOLERANCE |
|-----------------|-----------------|-------------------------------------|
| 1300508025 | ENV3115M010 | 3' 3" +2.19"/-0" [1M +55.6/-0 mm] |

AUX VIEW
SCALE 1:4

FINISHED LENGTH
(SEE CHART)

4.00 REF.
101.6

2.26 REF.
57.4

2.26 REF.
57.4

Ø 1.14 REF.
28.9

Ø 1.14 REF.
28.9

1"-14UNS

1"-14UNS

P1

P2

MALE - FACE VIEW

MALE - FACE VIEW

MALE - FACE VIEW

MALE - FACE VIEW

| P1 | | P2 | |
|------|-------------|------|--|
| 1 | WHITE/ORG | 1 | |
| 2 | ORANGE | 2 | |
| 3 | WHITE/GRN | 3 | |
| 4 | BLUE | 4 | |
| 5 | WHITE/BLUE | 5 | |
| 6 | GREEN | 6 | |
| 7 | WHITE/BROWN | 7 | |
| 8 | BROWN | 8 | |
| SHLD | SHIELD | SHLD | |

WIRING DIAGRAM

NOTES:

- MATERIAL: SEE TABLE
- FINISHES: SEE TABLE
- CABLE: #24/8 SHIELDED TWISTED PAIR, PUR
- ELECTRICAL DATA:
ACCORDING TO CAT5e ETHERNET STANDARD
MAX. VOLTAGE: 30V
MAX. CURRENT 1.5A
- ENVIRONMENTAL:
PROTECTION IP67
TEMPERATURE RANGE: -20°C TO +80°C
- WRAP LABEL IS MARKED WITH P/N & DATE CODE.
- ASSEMBLY IS RoHS COMPLIANT.

| ITEM | QTY. | DESCRIPTION | MATERIAL | FINISH |
|------|------|----------------------|---------------|--------------|
| 5 | 1 | LABEL | PLASTIC FILM | BLACK/YELLOW |
| 4 | 2 | RJ45 PLUG | POLYCARBONATE | CLEAR |
| 3 | 2 | COUPLING NUT | ABS | BLACK |
| 2 | 2 | OVERMOLD | PUR | BLACK |
| 1 | 1 | ETHERNET CABLE-CAT5E | PUR JACKET | BLACK |

| | | | | | | | | | |
|--|--------------------------------|---------------------------------------|--|---|---------------------------|----------------------|-------------------------------|------------------------|--|
| SD RELEASE EC NO: WNA2010-0442 DRWN: TVICKERS 2010/01/18 CHKD: BWOODMAN APPR: DTTITUS 2010/01/19 | QUALITY SYMBOLS ▽=0 ▽C=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE IN/MM | | SCALE 1:1 | DESIGN UNITS INCH | THIRD ANGLE PROJECTION | |
| | | | mm | INCH | DRAWN BY | DATE | TITLE | | |
| | | 4 PLACES | ±--- | ±--- | --- | --- | INDUSTRIAL ETHERNET ASSY | | |
| | | 3 PLACES | ±--- | ±.005 | --- | --- | 8P MMJ IND/IND 568B | | |
| | 2 PLACES | ±0.13 | ±.010 | --- | --- | #24/8 SHIELDED CABLE | | | |
| | 1 PLACE | ±0.25 | ±.020 | --- | --- | MOLEX INCORPORATED | | | |
| | ANGULAR ±1/2° | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | MATERIAL NO. SEE CHART | | DOCUMENT NO. SD-130050-020 | SHEET NO. 1 OF 1 | |
| A | REV | SIZE A | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | |

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