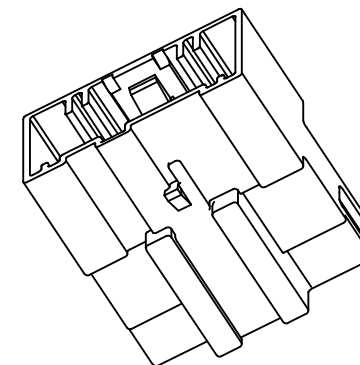
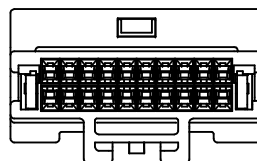
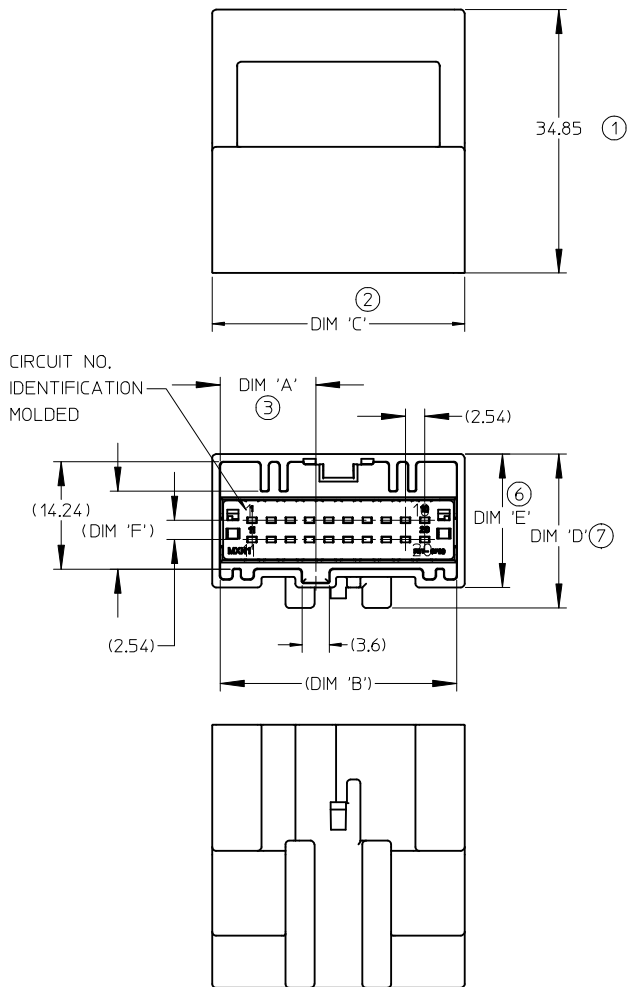
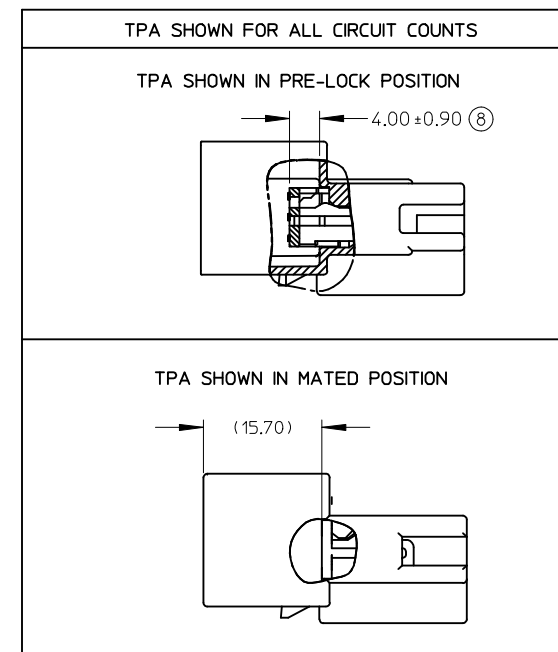




20 CIRCUIT MALE INLINE  
HARNESS ASSEMBLY SHOWN.

NOTES:

1. MATERIAL: HOUSING: SPS GLASS FILLED, COLOR SEE CHART. TPA: PBT, COLOR RED
2. PACKAGING SPECIFICATION: DRAWINGS BULK ----- PK-30907-760 PARTITION --- PK-31302-105
3. PACKAGING: REFERENCE MOLEX SPECIFICATION PS-34646-001, AVAILABLE AT WWW.MOLEX.COM (REFERENCE: TPA'S THAT ARE FOUND IN SEATED (FINAL LOCK) POSITION.
4. MATES WITH: SEE SALES DRAWING SD-30700-120
5. CONNECTOR IS DESIGNED FOR USE WITH TYCO TERMINAL PART NUMBERS: 1-1419158-6(22-24 AWG) AND 2-1419158-5 (18-20 AWG).
6. APPLICATION SPECIFICATION SEE: AS-30700-000
7. PRODUCT SPECIFICATION SEE: PS-30968-0001



|                                                                                    |             |                                                      |                                       |                        |                                                                                                                               |                            |                                                                 |                                        |                     |  |                  |
|------------------------------------------------------------------------------------|-------------|------------------------------------------------------|---------------------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------------|----------------------------------------|---------------------|--|------------------|
| EC NO: UAU2016-0461<br>DRWN:KHEWITT 2015/09/04<br>CHKD:<br>APPR:RBAUMAN 2015/10/05 | DESCRIPTION | QUALITY SYMBOLS<br><div>▽ - 0</div> <div>▽ - 0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED) |                        | SCALE<br>2:1                                                                                                                  | DESIGN UNITS<br>METRIC     | <div>THIRD ANGLE PROJECTION</div> <div>REVISE ON CAD ONLY</div> | SLEEVE ASSEMBLY<br>WIRE CONNECTOR MALE |                     |  |                  |
|                                                                                    |             |                                                      |                                       | mm                     | INCH                                                                                                                          | DIMENSION STYLE<br>MM ONLY |                                                                 |                                        |                     |  |                  |
|                                                                                    |             |                                                      | 4 PLACES                              | ± ---                  | ± ---                                                                                                                         | DRAWN BY<br>JKSIK          |                                                                 |                                        |                     |  | DATE<br>99/09/03 |
|                                                                                    |             |                                                      | 3 PLACES                              | ± ---                  | ± ---                                                                                                                         | CHECKED BY<br>LGEIB        |                                                                 |                                        |                     |  | DATE<br>99/10/28 |
|                                                                                    | 2 PLACES    | ± 0.13                                               | ± ---                                 | APPROVED BY<br>BWILSON |                                                                                                                               | DATE<br>99/10/28           | MATERIAL NO.<br>SEE CHART                                       | DOCUMENT NO.<br>SD-30968-120           | SHEET NO.<br>1 OF 2 |  |                  |
|                                                                                    | 1 PLACE     | ± 0.25                                               | ± ---                                 |                        |                                                                                                                               |                            |                                                                 |                                        |                     |  |                  |
|                                                                                    |             |                                                      |                                       | ANGULAR ±1/2°          |                                                                                                                               | MOLEX INCORPORATED         |                                                                 |                                        |                     |  |                  |
|                                                                                    |             |                                                      |                                       | DRAFT WHERE APPLICABLE |                                                                                                                               |                            |                                                                 |                                        |                     |  |                  |
|                                                                                    |             |                                                      | MUST REMAIN WITHIN DIMENSIONS         |                        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                            |                                                                 |                                        |                     |  |                  |
| REV                                                                                |             |                                                      |                                       |                        |                                                                                                                               |                            |                                                                 |                                        |                     |  |                  |

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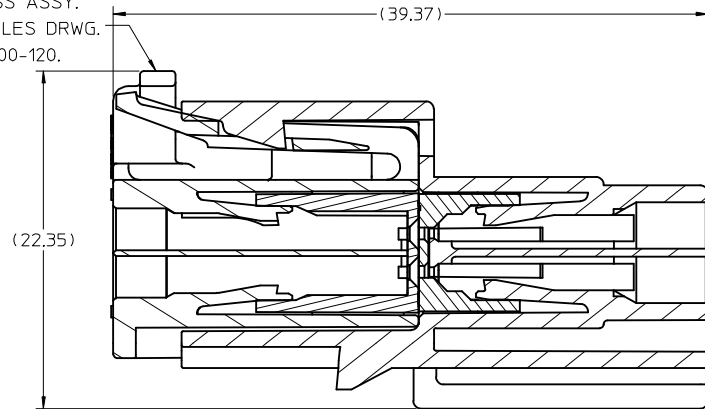
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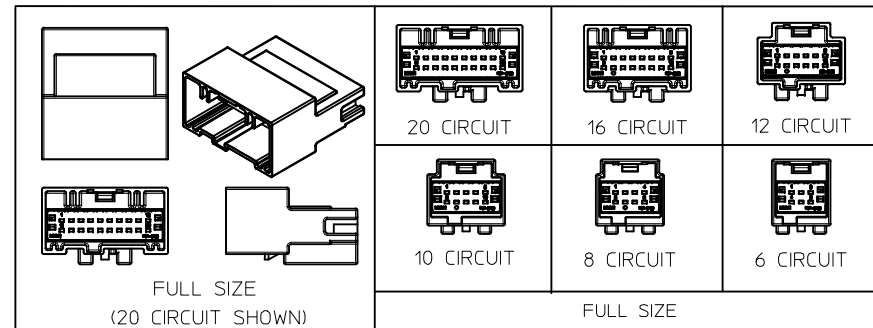
30968

HARNESS ASSY.  
SEE SALES DRWG.  
SD-30700-120.



## SECTION B-B

MATED VIEW



| PACKAGING                        |                             | POLARIZATION OPTIONS & CIRCUIT SIZE                    |                 | PRODUCT DIMENSIONS |       |       |                      |       |       |                  |              |
|----------------------------------|-----------------------------|--------------------------------------------------------|-----------------|--------------------|-------|-------|----------------------|-------|-------|------------------|--------------|
| ASSEMBLY P/N<br>PARTITION PACKED | ASSEMBLY P/N<br>BULK PACKED | MALE INLINE HARNESS ASSEMBLY<br>(POLARIZATION OPTIONS) | CIRCUIT<br>SIZE | 'A'                | 'B'   | 'C'   | 'D'                  | 'E'   | 'F'   | HOUSING<br>COLOR | STATUS       |
|                                  | 30968-1060                  | POLARIZATION OPTION #1                                 | 6               | 3.76               | 13.51 | 15.61 | 19.78                | 17.58 | 10.37 | GRAY             | RELEASED     |
|                                  | 30968-1061                  | POLARIZATION OPTION #2                                 | 6               | 6.76               | 13.51 | 15.61 | 19.78                | 17.58 | 10.37 | BLACK            | RELEASED     |
|                                  | 30968-1062                  | POLARIZATION OPTION #3                                 | 6               | 9.76               | 13.51 | 15.61 | 19.78                | 17.58 | 10.37 | NATURAL (CREAM)  | NOT RELEASED |
|                                  | 30968-1080                  | POLARIZATION OPTION #1                                 | 8               | 5.03               | 16.05 | 18.05 | 19.78                | 17.58 | 10.38 | GRAY             | RELEASED     |
|                                  | 30968-1081                  | POLARIZATION OPTION #2                                 | 8               | 8.03               | 16.05 | 18.05 | 19.78                | 17.58 | 10.38 | BLACK            | RELEASED     |
|                                  | 30968-1082                  | POLARIZATION OPTION #3                                 | 8               | 11.03              | 16.05 | 18.05 | 19.78                | 17.58 | 10.38 | NATURAL (CREAM)  | RELEASED     |
| 30968-9100                       | 30968-1100                  | POLARIZATION OPTION #1                                 | 10              | 6.30               | 18.59 | 20.69 | 19.78                | 17.58 | 10.37 | GRAY             | RELEASED     |
| 30968-9101                       | 30968-1101                  | POLARIZATION OPTION #2                                 | 10              | 9.30               | 18.59 | 20.69 | 19.78                | 17.58 | 10.37 | BLACK            | RELEASED     |
|                                  | 30968-1102                  | POLARIZATION OPTION #3                                 | 10              | 12.30              | 18.59 | 20.69 | 19.78                | 17.58 | 10.37 | NATURAL (CREAM)  | NOT RELEASED |
|                                  | 30968-1123*                 | POLARIZATION OPTION #1<br>W/ CHRISTMAS TREE ATTACHMENT | 12              | 7.57               | 21.28 | 23.23 | 20.34                | 17.64 | 10.34 | GRAY             | RELEASED     |
|                                  | 30968-1127                  | POLARIZATION OPTION #1                                 | 12              | 7.57               | 21.28 | 23.23 | 20.34                | 17.64 | 10.34 | GRAY             | RELEASED     |
|                                  | 30968-1126*                 | POLARIZATION OPTION #2<br>W/ CHRISTMAS TREE ATTACHMENT | 12              | 10.57              | 21.28 | 23.23 | 20.34                | 17.64 | 10.34 | BLACK            | RELEASED     |
|                                  | 30968-1128                  | POLARIZATION OPTION #2                                 | 12              | 10.57              | 21.28 | 23.23 | 20.34                | 17.64 | 10.34 | BLACK            | RELEASED     |
|                                  | 30968-1129                  | POLARIZATION OPTION #3                                 | 12              | 13.57              | 21.28 | 23.23 | 20.34                | 17.64 | 10.34 | NATURAL (CREAM)  | RELEASED     |
|                                  | 30968-1167                  | POLARIZATION OPTION #1                                 | 16              | 10.11              | 26.36 | 28.31 | 20.34 +0.13<br>-0.20 | 17.64 | 10.34 | GRAY             | RELEASED     |
|                                  | 30968-1164*                 | POLARIZATION OPTION #1<br>W/ CHRISTMAS TREE ATTACHMENT | 16              | 10.11              | 26.06 | 28.31 | 20.34 +0.13<br>-0.20 | 17.64 | 10.34 | GRAY             | RELEASED     |
|                                  | 30968-1168                  | POLARIZATION OPTION #2                                 | 16              | 13.11              | 26.36 | 28.31 | 20.34 +0.13<br>-0.20 | 17.64 | 10.34 | BLACK            | RELEASED     |
|                                  | 30968-1169                  | POLARIZATION OPTION #3                                 | 16              | 16.11              | 26.36 | 28.31 | 20.34 +0.13<br>-0.20 | 17.64 | 10.34 | NATURAL (CREAM)  | RELEASED     |
|                                  | 30968-1207                  | POLARIZATION OPTION #1                                 | 20              | 12.65              | 31.44 | 33.39 | 20.34                | 17.64 | 10.34 | GRAY             | RELEASED     |
|                                  | 30968-1208                  | POLARIZATION OPTION #2                                 | 20              | 15.65              | 31.44 | 33.39 | 20.34                | 17.64 | 10.34 | BLACK            | RELEASED     |
|                                  | 30968-1209                  | POLARIZATION OPTION #3                                 | 20              | 18.65              | 31.44 | 33.39 | 20.34                | 17.64 | 10.34 | NATURAL (CREAM)  | RELEASED     |

\*MOLEX INTERNAL CHRISTMAS TREE P/N 88794-1188

SEE ECN# UAU2001-0258  
EC NO: UAU2016-0461  
DRWN:KHEWITT 2015/09/04  
CHKD:  
APPR:RBAUMAN 2015/10/05

QUALITY  
SYMBOLS  
DESCRIPTION  
REV

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

|          | mm     | INCH    |
|----------|--------|---------|
| 4 PLACES | ± .005 | ± .0004 |
| 3 PLACES | ± .005 | ± .0004 |
| 2 PLACES | ± 0.13 | ± .005  |
| 1 PLACE  | ± 0.25 | ± .010  |

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE

MUST REMAIN  
WITHIN DIMENSIONS

SCALE

DESIGN UNITS  
METRIC

DIMENSION STYLE  
MM ONLY

DRAWN BY  
JKSIK

DATE  
99/09/03

CHECKED BY  
LGEIB

DATE  
99/10/28

APPROVED BY  
BWILSON

DATE  
99/10/28

THIRD ANGLE  
PROJECTION

REVISE ON CAD ONLY

TITLE  
SLEEVE ASSEMBLY  
WIRE CONNECTOR MALE

MOLEX MOLEX INCORPORATED

MATERIAL NO.  
SEE CHART

DOCUMENT NO.  
SD-30968-120

SHEET NO.  
2 OF 2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX  
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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