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Part Number: [0685609101](#)
Status: **Active**
Overview: [ganged_rf](#)
Description: 6 Circuits Male-to-6 Circuits Male, Ganged RF Cable Assembly 1.0m (3.28') Length

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

| | |
|------------------------|---------------------------|
| Product Family | Cable Assemblies |
| Series | 68560 |
| Connector to Connector | Ganged RF-to-Ganged RF |
| Overview | ganged_rf |
| Product Name | Ganged RF |

Physical

| | |
|--------------------------------|---------------|
| Cable Length | 1.0m (3.28') |
| Circuits (Loaded) | 6/6 |
| Gender | Male-Male |
| Lock to Mating Part | Yes |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Packaging Type | Bag |
| Plating min: Mating (µin) | 30 |
| Plating min: Mating (µm) | 0.75 |
| Plating min: Termination (µin) | 30 |
| Plating min: Termination (µm) | 0.75 |
| Single Ended | No |
| Wire Insulation Diameter | N/A |
| Wire Size AWG | 22 |
| Wire/Cable Type | Coaxial |

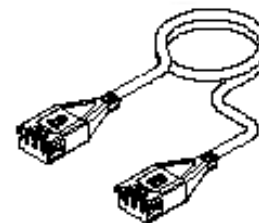
Electrical

| | |
|-------------------------------|---------|
| Current - Maximum per Contact | 1A |
| Impedance | 50 ohms |
| Shielded | No |
| Voltage - Maximum | 5V |

Material Info

Reference - Drawing Numbers

| | |
|---------------|--------------|
| Sales Drawing | SD-68560-005 |
|---------------|--------------|



Series

image - Reference only

EU RoHS

RoHS Compliant by Exemption
REACH SVHC Not Reviewed
Halogen-Free Status Not Reviewed

China RoHS



Pb

Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

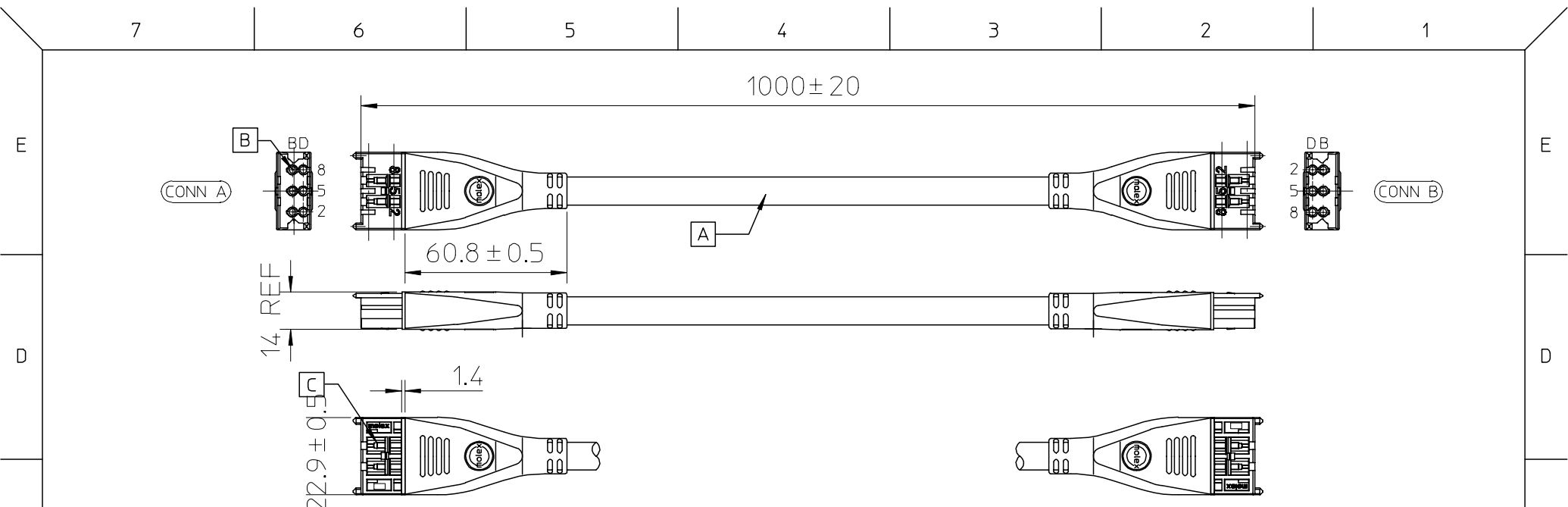
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[68560Series](#)

Mates With

[74712 GRF Receptacle](#)



- NOTES:
- HOTMELT OVERMOLD RESIN, BLACK, 887800140.
 - ELECTRICAL PARAMETERS TESTING, REFER TO DOC NO: ES-012.
 - THIS PRODUCT MUST MEET MOLEX RoHS COMPLIANT.

WIRING DIAGRAM

| CONN A | CONN B | WIRE COLOR |
|--------|--------|------------|
| D2 | D2 | BLUE |
| D5 | D5 | BLACK |
| D8 | D8 | RED |
| B2 | B2 | ORANGE |
| B5 | B5 | GREEN |
| B8 | B8 | YELLOW |

| ITEM | DESCRIPTION | L(mm) | QT'Y |
|------|--------------------------------------|---------|--------|
| C | 6 CKT MALE HOUSING MOLEX: 45349-0001 | | 2 PCS |
| B | MALE CONTACT ASS'Y MOLEX: 73173-0010 | | 12 PCS |
| A | 6C COAXIAL CABLE MOLEX: 172001063 | 1000REF | 1 PCS |

| ENTER DESCRIPTION EC NO: DG2007-0024 DRWN: PDAI CHKD: APPR: TKAN | 2006/08/16 2006/08/16 2006/08/16 | DESCRIPTION REV | QUALITY SYMBOLS ▽=0 ◻=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>3 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>2 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±---</td> <td>±---</td> </tr> </tbody> </table> | | mm | INCH | 4 PLACES | ±--- | ±--- | 3 PLACES | ±--- | ±--- | 2 PLACES | ±--- | ±--- | 1 PLACE | ±--- | ±--- | DIMENSION STYLE MM ONLY | SCALE --- | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
|--|--|--|-------------------------------|--|------------|--|------|----------|------|------|----------|------|------|----------|------|------|---------|------|------|----------------------------|--------------|------------------------|------------------------|
| | | | | mm | INCH | | | | | | | | | | | | | | | | | | |
| | | | 4 PLACES | ±--- | ±--- | | | | | | | | | | | | | | | | | | |
| | | | 3 PLACES | ±--- | ±--- | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ±--- | ±--- | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ±--- | ±--- | | | | | | | | | | | | | | | | | | | | | |
| DRAWN BY PDAI | DATE 2006/08/15 | TITLE 6 CKT(MALE) TO 6 CKT(MALE) GRF CABLE ASS'Y 1.0M | | | | | | | | | | | | | | | | | | | | | |
| CHECKED BY PDAI | DATE 2006/08/15 | | | | | | | | | | | | | | | | | | | | | | |
| APPROVED BY ZXDENG | | DATE 2006/08/15 | MOLEX MOLEX INCORPORATED | | | | | | | | | | | | | | | | | | | | |
| MATERIAL NO. 68560-9101 | | DOCUMENT NO. SD-68560-005 | | | | SHEET NO. 1 OF 1 | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | SIZE A4 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | |