

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0685609001](#)  
**Status:** **Active**  
**Overview:** [ganged\\_rf](#)  
**Description:** 6 Circuits Male-to-6 Circuits Male, Ganged RF Cable Assembly 0.50m (1.64' ) Length

**Documents:**

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

**General**

Product Family	Cable Assemblies
Series	<a href="#">68560</a>
Connector to Connector	Ganged RF-to-Ganged RF
Overview	<a href="#">ganged_rf</a>
Product Name	Ganged RF

**Physical**

Cable Length	0.50m (1.64' )
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

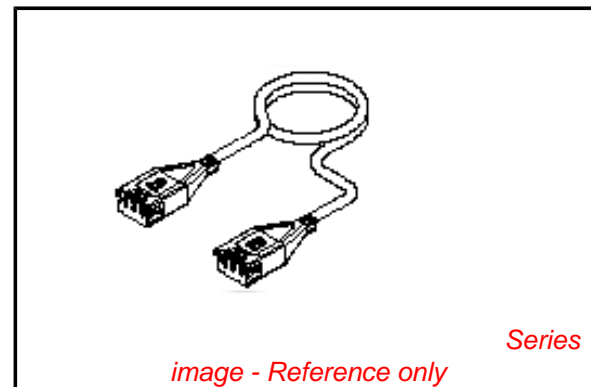
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing	SD-68560-004
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*image - Reference only*

**EU RoHS**

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

**China RoHS**



**Need more information on product environmental compliance?**

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

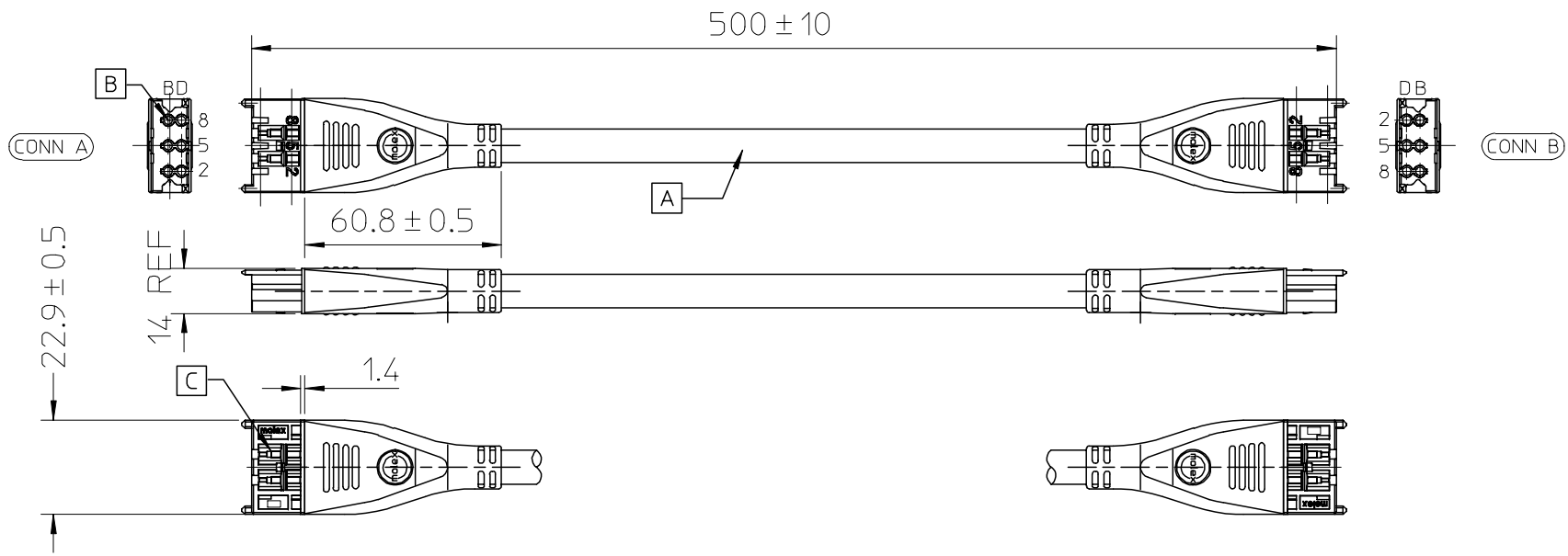
Please visit the [Contact Us](#) section for any non-product compliance questions.

**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	VIOLET
B5	B5	GREEN
B8	B8	YELLOW

ITEM	DESCRIPTION	LENGTH(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	500(REF.)	1 PC

ENTER DESCRIPTION EC NO: DG2007-0024 DRWN:PDAI CHKD: APPR:TKAN 2006/08/16 2006/08/16 2006/08/16	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM ONLY	---	METRIC	⊙ □	
		4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE	
		3 PLACES	± ---	± ---	PDAI	2006/08/15	6 CKT(MALE) TO 6 CKT(MALE) GRF CABLE ASS'Y 0.5M	
2 PLACES	± ---	± ---	CHECKED BY	DATE	MOLEX MOLEX INCORPORATED			
1 PLACE	± ---	± ---	PDAI	2006/08/15				
ANGULAR ± ---°		APPROVED BY		DATE	DOCUMENT NO.		SHEET NO.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ZXDENG		2006/08/15	68560-9001		SD-68560-004	
MATERIAL NO.		68560-9001		DOCUMENT NO.		SD-68560-004		
SIZE		A 4		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				