

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [120080-5054](#)
Status: **Active**
Overview: Brad® Ultra-Lock® Connection System
Description: Ultra-Lock® (M12) Double-Ended Cordset, 4 Poles, Female (Straight) to Male (Straight), Single Keyway, TPE Cable, 0.60m Length

Documents:

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

Agency Certification

CSA LR6837

General

| | |
|-----------------|---|
| Product Family | Industrial Cordsets |
| Series | 120080 |
| Connector End A | Ultra-Lock® (M12) |
| Connector End B | Ultra-Lock® (M12) |
| IP Rating | IP69K |
| NEMA Rating | NEMA 6 |
| Overview | Brad® Ultra-Lock® Connection System |
| Product Name | Ultra-Lock® (M12) |
| Type | Double Ended |
| UPC | 78172509211 |

Physical

| | |
|-------------------------------|---------------------|
| Cable Diameter | 5.30mm (.209") |
| Cable Length | 0.60m |
| Color - Cable Jacket | Yellow |
| Coupling Style | Push to Lock |
| Gender | Female-Male |
| Keyway | Single |
| LED Indicator | No |
| Material - Cable Jacket | TPE |
| Material - Connector Body | TPE |
| Material - Contact | Copper Alloy |
| Material - Coupling Nut | Nickel-plated Brass |
| Material - O-Ring | Viton |
| Material - Plating Mating | Gold over Nickel |
| Orientation | Straight |
| Poles | 4 |
| Temperature Range - Operating | -40°C to +105°C |
| Wire Size AWG | 22 |
| Wire/Cable Type | PLTC-ER |

Electrical

| | |
|-------------------------------|------------|
| Current - Maximum per Contact | 4A |
| Voltage - Maximum | 250V AC/DC |

Material Info

| | |
|-----------------|---------------|
| Old Part Number | WW4030K05M006 |
|-----------------|---------------|

Reference - Drawing Numbers

| | |
|---------------|---------------|
| Sales Drawing | SD-120080-008 |
|---------------|---------------|

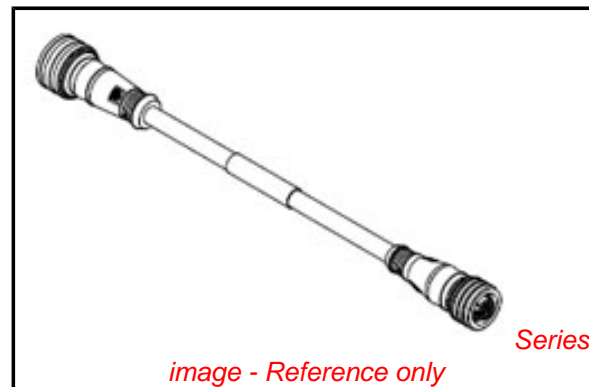


image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Not Reviewed**
**Low-Halogen Status
Not Reviewed**

China RoHS



**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

120080Series

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION