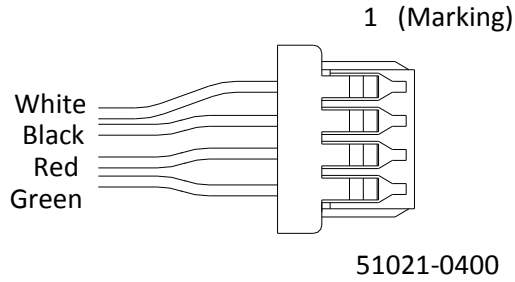


MSVF3X3313IR2-BCPN-MD



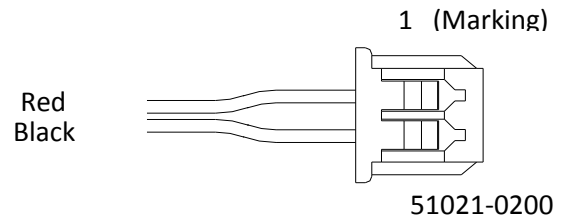
CONNECTION & CONTROL

(1) Auto Iris terminal



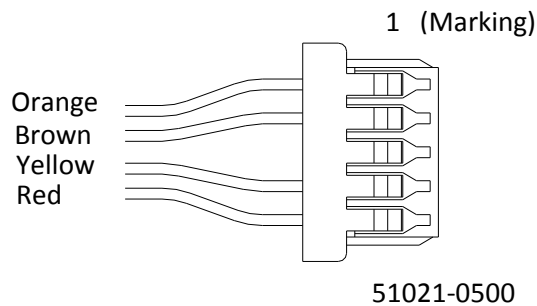
| Pin number | Color | Assignment |
|------------|-------|------------|
| 1 | White | A |
| 2 | Black | B |
| 3 | Red | A |
| 4 | Green | B |

(2) IR Cut Filter Control terminal



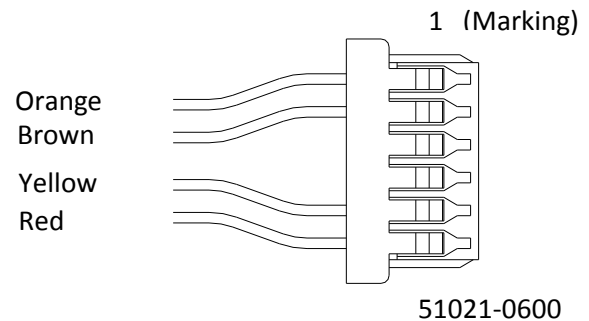
| Pin number | Color | Assignment |
|------------|-------|----------------|
| 1 | Red | IR IN/OUT(-/+) |
| 2 | Black | IR GND |

(3) Zoom Moter Control terminal



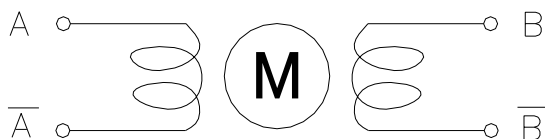
| Pin number | Color | Assignment |
|------------|--------|------------|
| 1 | Orange | B |
| 2 | Brown | A |
| 3 | N/A | N/A |
| 4 | Yellow | B |
| 5 | Red | A |

(4) Focus Moter Control terminal



| Pin number | Color | Assignment |
|------------|--------|------------|
| 1 | Orange | B |
| 2 | Brown | A |
| 3 | N/A | N/A |
| 4 | N/A | N/A |
| 5 | Yellow | B |
| 6 | Red | A |

(5) Moter Control Excitation pattern



Motor connection

Iris CW: Open → Close

| Excite Pottem of CW revolution | | | | |
|--------------------------------|---|----|---|----|
| Step | A | A̅ | B | B̅ |
| 0 | H | L | H | L |
| 1 | L | H | H | L |
| 2 | L | H | L | H |
| 3 | H | L | L | H |

Focus & Zoom

| Excite Pottem of CW revolution | | | | |
|--------------------------------|---|----|---|----|
| Step | A | A̅ | B | B̅ |
| 0 | H | L | H | L |
| 1 | L | L | H | L |
| 2 | L | H | H | L |
| 3 | L | H | L | L |
| 4 | L | H | L | H |
| 5 | L | L | L | H |
| 6 | H | L | L | H |
| 7 | H | L | L | L |