

NOTES:

A. CABLE
 UL 2464 [24AWG(7/0.20 TC)*8C]*1C,
 UNSHIELDED, -30 TO 105°C
 BLACK PVC JACKET

B. WIRE DESIGNATION TABLE

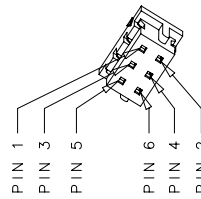
| WIRE COLOR | J1 | P1 |
|------------|----|----|
| BLACK | 1 | 1 |
| RED | 2 | 2 |
| GREEN | 3 | - |
| WHITE | 4 | - |
| ORANGE | - | 4 |
| BLUE | - | 6 |
| BROWN | - | 5 |
| YELLOW | - | - |

C. MATERIALS COMPLY WITH RoHS DIRECTIVE.

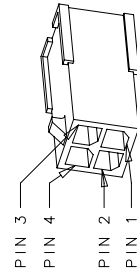
D. LENGTH MEASURED FROM BACK OF CONNECTOR TO STRIPPED END.

WIRE LENGTH TABLE

| *X* | LENGTH (mm) | TOLERANCE (mm) |
|-----|-------------|----------------|
| A | 460 | +50mm -0mm |
| 1 | 1000 | +50mm -0mm |
| 2 | 2000 | +100mm -0mm |
| 3 | 3000 | +100mm -0mm |
| 4 | 4000 | +150mm -0mm |
| 5 | 5000 | +150mm -0mm |



P1 PIN DESIGNATION
 SCALE: 2:1



J1 PIN DESIGNATION
 SCALE: 2:1

| NO | PART NUMBER | QTY | TYPE OF COMPONENT | MATERIAL |
|----|-----------------------|-----|---|---------------------|
| 6 | HEATSHRINKABLE TUBING | 3 | - | BLACK SEE NOTE A |
| 5 | CABLE | - | - | - |
| 4 | CONTACT (P1) | 5 | HIROSE: DF11-2428SC OR DF11-2428SCF (ALT: HWT: A2211-TPE) | - |
| 3 | CONNECTOR (P1) | 1 | HIROSE: DF11-6DS-2C (ALT: HWT: A2211H-2X03P) | - |
| 2 | CONTACT (J1) | 4 | MOLEX: 43031-0001 OR 43031-0007 (ALT: HWT: C3003T-C) | - |
| 1 | CONNECTOR (J1) | 1 | MOLEX: 43020-0401 (ALT: HWT: C3003-2X2P) | - |

| THIRD ANGLE PROJECTION | SYMBOL |
|------------------------|--------|
| THIRD ANGLE PROJECTION | |

| MILLIMETERS [IN] | SYMBOL |
|------------------|--------|
| MILLIMETERS [IN] | |

TOLERANCES UNLESS OTHERWISE NOTED

ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

PER ASME Y14.5M-1994



WIRE HARNESS

| REV | DATE | BY | DESCRIPTION |
|-----|-----------|-----|-----------------|
| A | 10MAY2013 | ZNP | INITIAL RELEASE |

| REV | DATE | BY | DESCRIPTION |
|-----|-----------|-----|-----------------|
| A | 10MAY2013 | ZNP | INITIAL RELEASE |

| SIZE | SYSTEM | DWG NO. | SCALE | SHEET |
|------|--------|-----------------|-------|--------|
| A3 | NX | J-EA-W01-23-X07 | 1:1 | 1 OF 1 |