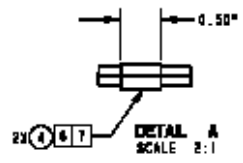


**NOTES:**

(UNLESS OTHERWISE SPECIFIED)

1. WIRING AND TUBING USED IN THE CABLE ASSEMBLY MUST BE UL RECOGNIZED.
2. CONNECTORS AND ALL OTHER COMPONENTS MUST BE UL RECOGNIZED OR MADE OF A UL RECOGNIZED MATERIAL WITH A MINIMUM FLAME RATING OF 94V-2.
3. TRACEABILITY OF THE ABOVE MUST BE MAINTAINED BY THE VENDOR AND BE MADE AVAILABLE UPON REQUEST.
4. ① DEMOTES WIRE NUMBER.
5. ALL WIRE TERMINAL CONNECTIONS TO BE CRIMPED.

WIRE NO.	LENGTH (IN.)	COLOR	AWG	INSUL.	PIN DPT.	ITEM NO.
1	5.25	RED	24	UL 1007	ITEM 2, PIN 1	4
2	5.25	BLACK	24	UL 1007	ITEM 2, PIN 2	7



6. SOLDER LEADS TO WIRES.
7. COVER SOLDER JOINT WITH 1/2" SHRINK WRAP TUBING, CENTERED.
8. FAN SPECIFICATIONS:  
92 X 92 X 25 mm, BALL BEARING, 24VDC, 160mA, 3200 RPM,  
51 CFM VOLUME OF AIR, 0.24 INCH STATIC PRESSURE IN BOD,  
96 dBA SOUND NOISE, 3.08 OZ. WEIGHT.  
  
APPROVED ALTERNATIVE FANS: ITEM 1  
E0223X240 MECHATRONICS  
KD2400PT81-6A SUMON
9. LABEL TO CONTAIN:  
PART NUMBER, REVISION LEVEL, AND DATE CODE OF MANUFACTURE.

ITEM	QTY	DESCRIPTION	REFERENCE
7	AR	WIRE, 24 AWG, BLACK	SUPPLIER
6	AR	WIRE, 24 AWG, RED	SUPPLIER
5	1	LABEL	SUPPLIER
4	2	TUBING, SHRINK WRAP	SUPPLIER
3	2	TERMINAL, CRIMP, .100", RN, P/N 08-50-0114	MOLEX
2	1	HOUSING, CRIMP TERMINAL, .100", 2 COND, RN, P/N 22-01-3027	MOLEX
1	1	FAN, 92X92X25MM, 24 VDC, P/N E0223X240	MECHATRONICS

APPROVALS	DATE
DESIGNED BY: EAF	08-12-01
CHECKED BY: MED	08-14-01
APPROVED BY: [Signature]	08-14-01

**HO CHIEN**

CABLE ASSEMBLY, PART NUMBER  
24 VDC CT FC BOX  
**42-1183**

**CA-C4037A-0012**

REV. A

# NOTES:

(UNLESS OTHERWISE SPECIFIED)

1. WIRING AND TUBING USED IN THE CABLE ASSEMBLY MUST BE UL RECOGNIZED.
2. CONNECTORS AND ALL OTHER COMPONENTS MUST BE UL RECOGNIZED OR MADE OF A UL RECOGNIZED MATERIAL WITH A MINIMUM FLAME RATING OF 94V-2.
3. TRACEABILITY OF THE ABOVE MUST BE MAINTAINED BY THE VENDOR AND BE MADE AVAILABLE UPON REQUEST.
4. ① DENOTES WIRE NUMBER.
5. ALL WIRE TERMINAL CONNECTIONS TO BE CRIMPED.

6 SOLDER LEADS TO WIRES.

7 COVER SOLDER JOINT WITH 1/2" SHRINK WRAP TUBING, CENTERED.

8 FAN SPECIFICATIONS:  
 92 X 92 X 25 mm, BALL BEARING, 24VDC, 160mA, 3200 RPM,  
 51 CFM VOLUME OF AIR, 0.24 MAX STATIC PRESSURE IN H2O,  
 35 dBA SOUND NOISE, 3.89 OZ. WEIGHT.

APPROVED ALTERNATIVE FANS: ITEM 1  
 E9225X24B MECHATRONICS  
 KD2409PTBI-6A SUNON

9 LABEL TO CONTAIN:  
 PART NUMBER, REVISION LEVEL, AND DATE CODE OF MANUFACTURE.

CHART: WIRE SPECIFICATIONS

WIRE NO.	LENGTH (IN.)	COLOR	AWG	INSUL	PIN OUT	ITEM NO.
1	5.25	RED	24	UL 1007	ITEM 2, PIN 1	6
2	5.25	BLACK	24	UL 1007	ITEM 2, PIN 2	7

7	AR	WIRE, 24 AWG, BLACK	SUPPLIER
6	AR	WIRE, 24 AWG, RED	SUPPLIER
5	1	LABEL	SUPPLIER
4	2	TUBING, SHRINK WRAP	SUPPLIER
3	2	TERMINAL, CRIMP, .100", KK, P/N 08-50-0114	MOLEX
2	1	HOUSING, CRIMP TERMINAL, .100", 2 COND, KK, P/N 22-01-3027	MOLEX
1	1	FAN, 92X92X25MM, 24 VDC, P/N E9225H24B	MECHATRONICS
ITEM	QTY	DESCRIPTION	REFERENCE

## BILL OF MATERIALS

UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS ARE IN INCHES.  
 TOLERANCES ARE:  
 DECIMALS .25± 0.1 ANGLE .1°± 0.5°  
 .XX± 0.02  
 .XXX± 0.010  
 DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION



APPROVALS		DATE
DRAWN	EAF	08-12-01
CHECKED	MKD	08-14-01
APPROVED		
ECD	1398	08-14-01
WEIGHT		
FINISH		

# HO CHIEN

CABLE ASSY, FAN, 92MM,  
 24 VDC, CT PC BOX  
 42-783

SIZE	C	REV. NO.	CA-C4037-0012	REV.	A
SCALE	1:1	DATE	42-1183	SHEET	1 of 1