

**TC-J-01-CA003**  
**TC-J-01-CA006**  
**TC-J-01-CA012**

NUMBER OF CONDUCTORS  
 LENGTH IN FEET

**TC-J-02-CA003**  
**TC-J-02-CA006**  
**TC-J-02-CA012**

**TC-J-03-CA003**  
**TC-J-03-CA006**  
**TC-J-03-CA012**

**TC-J-04-CA003**  
**TC-J-04-CA006**  
**TC-J-04-CA012**

**TC-J-08-CA003**  
**TC-J-08-CA006**  
**TC-J-08-CA012**

NOTES, UNLESS OTHERWISE SPECIFIED:

- 1 INSTALL CONNECTORS AS REQUIRED
- 2 STRIP AND TIN PER IEC-J-STD-001
- 3 USE STRAIN RELIEF AS REQUIRED
- 4 CONDUCTORS: ULTRA FLEXIBLE, FINELY STRANDED, IRON AND CONSTANTAN
- 5 MINIMUM BEND RADIUS: 6X CABLE HEIGHT FOR INTERMEDIATE FLEX;  
10X CABLE HEIGHT FOR CONTINUOUS FLEX
- 6 OUTER JACKET DUROMETER RATING: 65 (SHORE A)
- 7 CABLE TEMPERATURE RATING: -65°C TO +260°C  
ASSEMBLY TEMPERATURE RATING: -29°C TO +220°C
- 8 OUTER JACKET DIELECTRIC STRENGTH: 450 VOLTS/MILS (17.7 kv/mm)
- 9 \*OR EQUIVALENT

REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	BY
ALL	N/C	INITIAL RELEASE	08/03/2013	RR

THERMOCOUPLE TYPE "J", TC-J-01 BILL OF MATERIALS				
FN	QTY	DESCRIPTION	PART NUMBE	MFG
1	A/R	CICOIL CABLE	590R101-1	CICOIL
2	2	THERMOCOUPLE CONNECTOR	SMPW-CC-J-M*	OMEGA

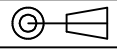
THERMOCOUPLE TYPE "J", TC-J-02 BILL OF MATERIALS				
FN	QTY	DESCRIPTION	PART NUMBE	MFG
1	A/R	CICOIL CABLE	590R101-2	CICOIL
2	4	THERMOCOUPLE CONNECTOR	SMPW-CC-J-M*	OMEGA

THERMOCOUPLE TYPE "J", TC-J-03 BILL OF MATERIALS				
FN	QTY	DESCRIPTION	PART NUMBE	MFG
1	A/R	CICOIL CABLE	590R101-3	CICOIL
2	6	THERMOCOUPLE CONNECTOR	SMPW-CC-J-M*	OMEGA

THERMOCOUPLE TYPE "J", TC-J-04 BILL OF MATERIALS				
FN	QTY	DESCRIPTION	PART NUMBER	MFG
1	A/R	CICOIL CABLE	590R101-4	CICOIL
2	8	THERMOCOUPLE CONNECTOR	SMPW-CC-J-M*	OMEGA

THERMOCOUPLE TYPE "J", TC-J-08 BILL OF MATERIALS				
FN	QTY	DESCRIPTION	PART NUMBER	MFG
1	A/R	CICOIL CABLE	590R101-8	CICOIL
2	16	THERMOCOUPLE CONNECTOR	SMPW-CC-J-M*	OMEGA

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VIEW PROJECTION

DASH NO	QTY REQD	NEXT ASSEMBLY	FINAL ASSEMBLY
APPLICATION			

STANDARD TOLERANCES UNLESS OTHERWISE NOTED  
 DIMENSIONS ARE IN INCHES  
 .X+/- 0.5  
 .XX+/-0.05  
 .XXX+/-0.005  
 ANGLES +/- 5 DEG [MM]  
 MATERIAL:  
 DO NOT SCALE DRAWING

SIGNATURE	DATE
DRAWN: rruiz	9/3/2013
CHECK: JOHN PALAHNUK	9/3/2013
ENGINEER: JOHN PALAHNUK	9/3/2013



24960 AVENUE TIBBITTS, VALENCIA, CA 91355 www.cicoil.com 661-295-1295

THERMOCOUPLE TYPE "J"			
CAGE CODE	SIZE	DRAWING NUMBER	REVISION
19476		TC-J-0X	N/C
SCALE		FILE: TC-J-0X (C).idw	SHEET 1 OF 3