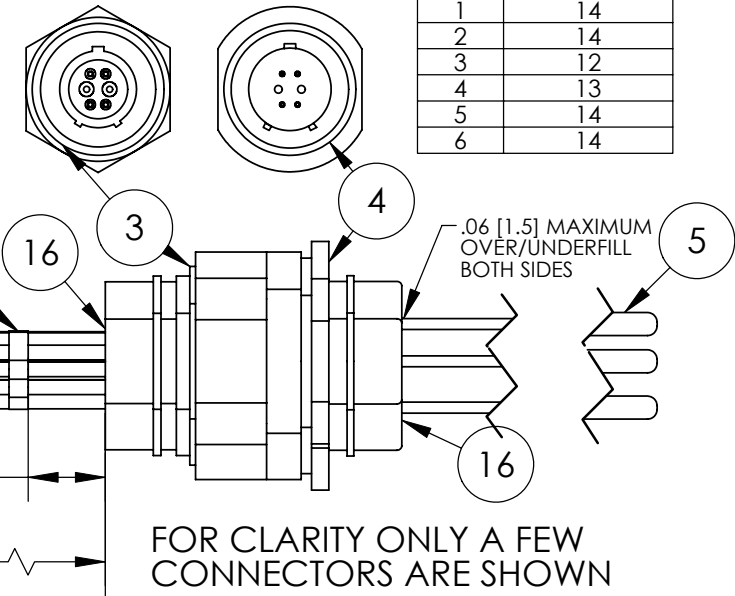


SOCKET #	ITEM #
1	11
2	11
3	9
4	10
5	11
6	11

PIN #	ITEM #
1	14
2	14
3	12
4	13
5	14
6	14



FOR CLARITY ONLY A FEW CONNECTORS ARE SHOWN

THERMOCOUPLE #	ITEM #6	ITEM #7	ITEM#8
1	A	B	-
2	C	D	-
3	E	F	-
4	G	H	-
5	J	K	-
6	L	M	-
7	N	U	-
8	V	P	-
DRAIN WIRE	-	-	R
N/A	-	-	S&T

19	1	FIT-221-3/4"	TUBING SHRINK POLYOLEFIN 3/4" CLEAR
18	64	809-155 *SEE NOTE 8	GROMMET SEALING PLUG 23AWG
17	2	MS27488-16-1 *SEE NOTE 7	GROMMET SEALING PLUG 16AWG
16	A/R	URETHANE	URETHANE BLACK
15	8	BRADY WIRE MARKERS	NUMBERED 1-8
14	32	809-001	CONTACT PIN 23 AWG CRIMP
13	8	M39029-87/475	CONTACT PIN 20 AWG T/C ALUMEL
12	8	M39029-87/476	CONTACT PIN 20 AWG T/C CHROMEL
11	32	809-002	CONTACT SOCKET 23 AWG CRIMP
10	8	M39029-88/487	CONTACT SOCKET 20 AWG T/C ALUMEL
9	8	M39029-88/488	CONTACT SOCKET 20 AWG T/C CHROMEL
8	3	M39029/29-212	CONTACT PIN 16 AWG CRIMP
7	8	M39029/85-455	CONTACT PIN 16 AWG T/C ALUMEL
6	8	M39029/85-456	CONTACT PIN 16 AWG T/C CHROMEL
5	8	TJ36CASS116U27	CABLE ASSEMBLY JOINT PROBE & T/C TYPE K
4	8	80201001Z18200A	RCPT 2 #20/4#23 PIN WITHOUT CONTACTS
3	8	80200806Z18200B	PLUG 2 #20/4 #23 SOCKET WITHOUT CONTACTS
2	1	8KX20PP	CABLE T/C 8 TWISTED PAIR 20AWG TYPE K PVC JACKET
1	1	CA3106E22-14PBF8	PLUG 19 #16 PIN WITHOUT CONTACTS
ITEM	QTY	PART NUMBER	DESCRIPTION

NOTES:

- CONTINUITY CHECK FROM PIN TO SOCKET.
CHROMEL WIRE (YELLOW INSULATION): $63m\Omega \pm 2m\Omega$.
ALUMEL WIRE (RED INSULATION): $25.2m\Omega \pm 2m\Omega$.
- ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
- ALL PARTS MUST PASS ALL TESTS.
- REF-OPERATING TEMPERATURE -20°C TO 105°C .
- ITEM 1, PINS S & T ARE NOT USED.
- ON ITEM 3 & 4, PIN/SOCKET #1, 2, 5, & 6 ARE NOT USED.
- ITEMS 8 & 17 ARE USED WITH PINS S & T ON ITEM #1 FOR SEALING PURPOSES.
- ITEMS 11/14 & 18 ARE USED WITH PINS #1, 2, 5, & 6 ON ITEMS 3 & 4 FOR SEALING PURPOSES.
- BRADY WIRE MARKERS ARE AROUND THE TWISTED PAIRS.
- LABEL ON CABLE HAS "IS-XXXX, INCORE SIPPING THERMOCOUPLE BUNDLE, DWG. 02-9212688."

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES.
ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE ± 0.5
X.X DECIMAL ± 0.1 X.XX DECIMAL ± 0.02 X.XXX DECIMAL ± 0.005
ANGLES ± 1 DEGREE SURFACE FINISH 128 microinch RMS

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DESCRIPTION
INLINE SUBMERSIBLE THERMOCOUPLE CABLE ASSEMBLY

PART NUMBER
4613

MATERIAL NOTED

REVISION LEVEL -

PROJECTION