

REFERENCE LIST

ITEM	PART #	QTY	DESCRIPTION	REFERENCE
---	110903	---	ASSY., CABLE, ES-T TO Q330	
10	851370	1	CONNECTOR, RIGHT ANGLE CABLE CLAMP, 19 PIN	P1
20	851850	1	CONN., 26 PIN, CABLE MOUNT, EXTBK SHELL Q330	P2
30	840356	1	CABLE, 6 TWISTED PAIRS, 20AWG(7 X 28)STR	
40	880248	A/R	ADHESIVE	FOR P2
50	851280	1"	TUBING, HEAT SHRINK, ADHESIVE, 1/2" DIA	

LTR	DESCRIPTION	DATE	APPROVED
A	GENERAL REVISION SEE ECO No. 2714	04-05-02	J.F.W.
B	ADDED ITEMS 40, 50 & NOTE-2. SEE ECO No.2864	11/10/05	J.F.W.

ES-T
(REFERENCE)

Y+	L
Y-	M
SHIELD	N
Y+	A
Y-	B
SHIELD	P
Z+	C
Z-	D
SHIELD	R
SHIELD	E
SHIELD	F
N/C	G
N/C	H
POWER COM	K
+12VDC	J
CASE GND	U
N/C	S
N/C	T
DRAIN (N/C)	V

CABLE TYPE
BELDEN P/N 9874
(840356)

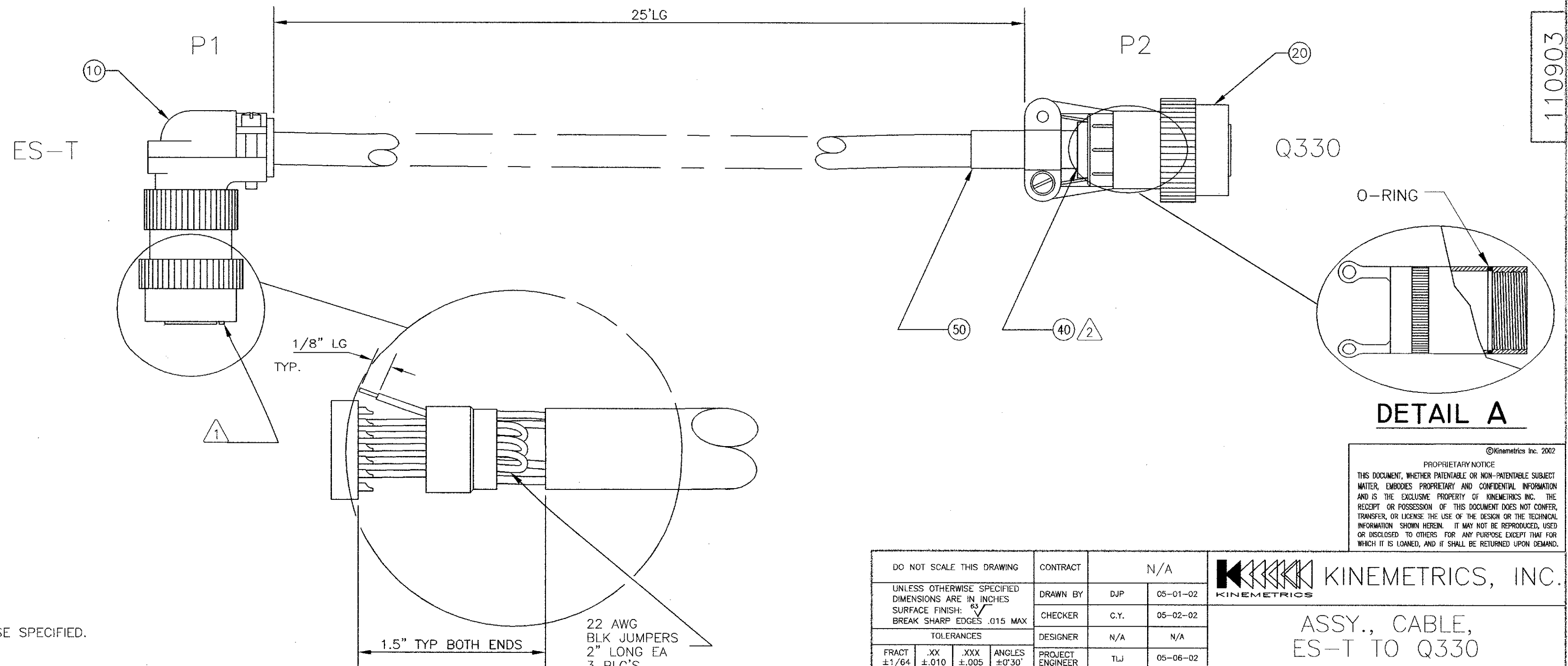
P1	L	WHITE
	M	BLACK
	N	GREEN
	A	BLACK
	B	YELLOW
	C	BLACK
	D	BROWN
	E	BLACK
	F	BLUE
	G	BLACK
	H	RED
	K	BLACK
	J	BLACK
	U	BLACK
	S	BLACK
	T	BLACK
	V	BLACK

TIE ALL
SHIELDS TO
PIN 'U'

TIE ALL
SHIELDS TO
PIN 'a'

Q330
SENSOR "A/B"
(REFERENCE)

A1	BD14	1"
B1	BD15	1"
C1	BD16	CH1END
D1	BD17	Z+
E1	BD18	Z-
F1	BD20	CH2END
G1	BD21	3"
H1	BD22	3"
J1	BD24	CH3END
K1	BD25	MPOS1
L1	BD26	MPOS2
M1	BD27	MPOS3
N1	BD28	MPOS4
P1	BD29	CALEN1
R1	BD30	GENEN1
S1	BD31	GENEN2
T1	BD33	GENEN3
U1	BD35	OTEREN1
V1	BD36	CALEN2
W1	BD37	CALEN3
X1	BD38	+3.3VDA
Y1	BD40	IDOR
Z1	BD41	IDOR2
A2	BD42	SRINA
B2	BD43	+12VA
C2	BD44	SRINA



NOTES: UNLESS OTHERWISE SPECIFIED.

1 CONNECTOR KEY WAY TO BE ALIGNED WITH CABLE.

2 POT P2 CONNECTOR BACK SHELL WITH RTV11.

DO NOT SCALE THIS DRAWING	CONTRACT	N/A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES SURFACE FINISH: BREAK SHARP EDGES .015 MAX	DRAWN BY	DJP 05-01-02
TOLERANCES	CHECKER	C.Y. 05-02-02
FRACT ±1/64 .XX ±.010 .XXX ±.005 ANGLES ±0°30'	DESIGNER	N/A N/A
MAT'L	PROJECT ENGINEER	TJW 05-06-02
FINISH	SEE PARTS LIST 110903-PL	
	N/A	



KINEMATRICS, INC.

ASSY., CABLE,
ES-T TO Q330

SIZE	Q330	110903	REV	B
SCALE: NONE	WEIGHT	N/A	SHEET	1 of 1

110903

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