

REVISIONS				
REV.	ZONE	DESCRIPTION	DATE	APPROVAL
01		ADDED ECN1166	4/6/95	LTR
02		ADDED ECN1554 - THIS SHEET BECOMES -1	12/21/95	WG
A		ADDED ECN1640	1/26/96	WG
B		ADDED ECN1704	02-15-96	WG
C		ADDED ECN2765	7/2/97	NTC
D		ADDED ECN4910	7/12/00	NTC

(STD) PHOENIX CONTACT - 5 PIN PLUG-IN TERMINAL STRIP 1754504 (ECK212)

STRAIGHT PLUG MS3106A-18 (MCM475)
 INSERT MS18-10S (MCM495)
 CLAMP 97-3057-1010 (MCM477)
 BUSHING AN3055-18-10 (MCM481)

CABLE (4 COND. #16), ECX566

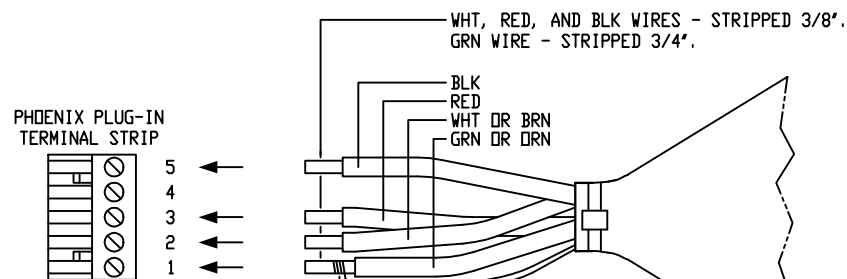
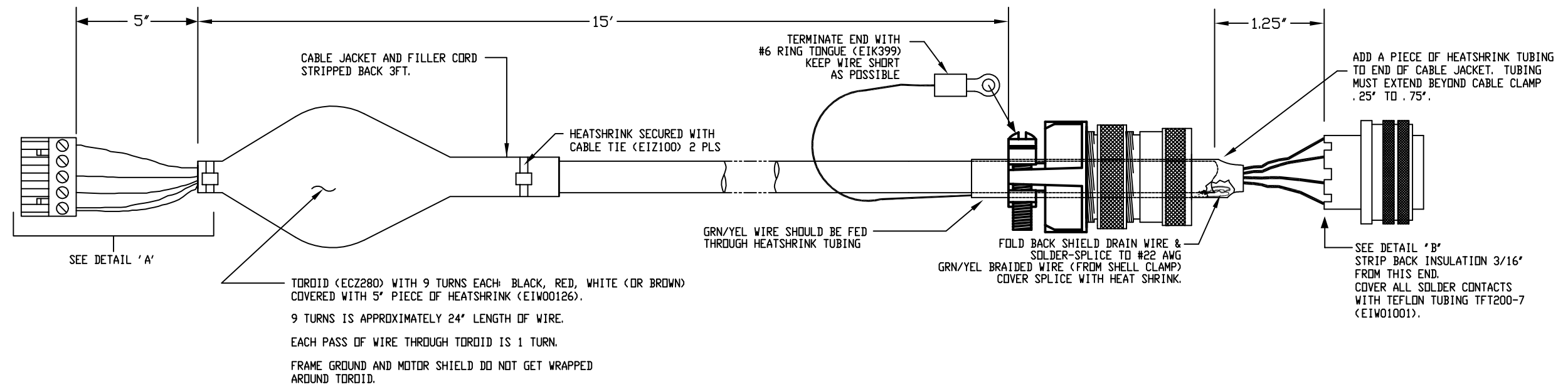
CABLE (4 COND. #16), ECX566

PIN	WIRE	WIRE	SIGNAL
1(1/2)	SHIELD	SHIELD	MTR SHLD
1(2/2)	ORN	GRN	FRM GND
2	BRN	WHT	MTR ØC
3	RED	RED	MTR ØB
4	-	-	-
5	BLK	BLK	MTR ØA

SIGNAL	WIRE	WIRE	SOCKET
MTR Ø C	WHT	BRN	C
MTR Ø B	RED	RED	B
FRM GND	GRN	ORN	D
MTR Ø A	BLK	BLK	A



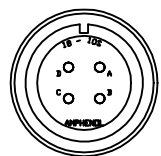
STARTING CABLE LENGTH = 18 FT



ALL WIRES INSERTED AND SCREWED INTO TERMINAL STRIP AS INDICATED.

BRAIDED SHIELD, TRIMMED AND DRAWN INTO A SMALL STRANDED BUNDLE AND COVERED WITH HEATSHRINK.
 BRAIDED SHIELD WRAPPED AROUND GRN (GND) WIRE AND SOLDERED IN PLACE. THIS CONNECTION MUST BE INSULATED WITH HEATSHRINK (NOT SHOWN FOR CLARITY).

DETAIL "A"



DETAIL "B"

VIEWED FROM WIRE SIDE OF CONNECTOR
 AMPHENOL SOCKET INSERT MS18-10S (MCM495)

PROPRIETARY INFORMATION
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TOLERANCES ON		
FRACTIONS	DECIMALS	ANGLES
0 TO 6 ± 1/32	.XX ± .01	± 0-30'
OVER 6 ± 1/16	.XXX ± .005	

RMS FINISH	EXCEPT AS NOTED
✓	

DRAWN	WG	5/93
CHECKED	AGS	7/00
APPD.	AGS	7/00

AEROTECH® AEROTECH, INC. 101 Zeta Drive
 Pittsburgh, PA. 15238
 (412)963-7470 TWX710-795-3125

UNIDEX 100 BRUSHLESS MOTOR CABLE (BMP2-1)
 FOR USE WITH 155AC

PART CODE	SIZE	REV.
BMP2-1	C	D

630C1527-1

SCALE	FILE NAME	SHEET
NTS	630C1527-1D1.DWG	1 OF 1