

STR. PLUG MS3106A-24 (MCM466) (STD)
 ANGLE PLUG MS3108A-24 (OPT.)
 ANGLE PLUG MS3108B-24 (MCM470) (OPT.)
 INSERT MS24-28P (MCM468)
 CLAMP 97-3057-1016 (MCM467)
 BUSHING AN3055-28-16 (MCM474)

682A1023 (ECX00413)
 #24 AWG UNLESS OTHERWISE NOTED

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STR. PLUG MS3106A-24 (MCM466) (STD)
 ANGLE PLUG MS3108A-24 (OPT.)
 ANGLE PLUG MS3108B-24 (MCM470) (OPT.)
 INSERT MS24-28S (MCM469)
 CLAMP 97-3057-1016 (MCM467)
 BUSHING AN3055-28-16 (MCM474)

REVISIONS				
REV.	ZONE	DESCRIPTION	DATE	DRAWN
01		ADDED GROMMET & NOTE	4/9/92	LTR
02		ADDED ECZ140 ECN2441	4/4/97	LLB
A		ADDED ECN2974	10/27/97	NTC

PIN	WIRE	SIGNAL
Z	TAN	TACH-
Y	VIO	TACH+
X	#22 WHT/BLK	LMT COM
W	#22 PINK	LMT +5V
V	#16 ORN	MTR-
U	RED/YEL	CW LMT
T	RED/BLK	HM LMT
S	WHT/VIO	CCW/- LMT
R	WHT/BLU	CW/+ LMT
Q	#16 BLK	MTR-
P	#16 BLU	MTR+
N	#16 YEL	FRM GND
M	WHT/BRN	MKR-N
L	WHT/GRN	SIN-N
K	WHT/ORN	COS-N
J	#16 WHT	MTR+
H	WHT/BLK/BRN	CCW LMT
G	WHT/GRY	MKR
F	WHT/YEL	SIN
E	WHT/RED	COS
D	SHIELD	MTR SHLD
C	SHIELD	SIG SHLD
B	#22 BRN	ENC COM
A	#22 YEL	ENC+5V

UNUSED WIRES
 #16 GRN, #16 RED

#24 GRY, RED/GRN, WHT/BLK/RED

SIGNAL	WIRE	PIN
LMT +5V	#22 PINK	W
LMT COM	#22 WHT/BLK	X
TACH+	VIO	Y
TACH-	TAN	Z
CW/+ LMT	WHT/BLU	R
CCW/- LMT	WHT/VIO	S
HM LMT	RED/BLK	T
CW LMT	RED/YEL	U
MTR-	#16 ORN	V
COS-N	WHT/ORN	K
SIN-N	WHT/GRN	L
MKR-N	WHT/BRN	M
FRM GND	#16 YEL	N
MTR+	#16 BLU	P
MTR-	#16 BLK	Q
COS	WHT/RED	E
SIN	WHT/YEL	F
MKR	WHT/GRY	G
CCW LMT	WHT/BLK/BRN	H
MTR+	#16 WHT	J
ENC+5V	#22 YEL	A
ENC COM	#22 BRN	B
SIG SHLD	SHIELD	C
MTR SHLD	SHIELD	D



ACTIVE HIGH SIGNALS FOR USE WITH PREVIOUS GENERATION AEROTECH CONTROLLERS (UNIDEX, UNIDEX 2, UNIDEX 3, UNIDEX 16).



USE 2" LENGTHS OF THICK WALL HEATSHRINK TUBING TO BUILD UP CABLE DIAMETER FOR PROPER STRAIN RELIEFING. STRAIN RELIEFING MUST WITHSTAND 35 LB. PULL.

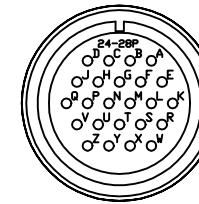
CUT THICK WALL HEATSHRINK TUBING WITH CABLE CUTTER SUCH THAT ENDS ARE PERPENDICULAR TO CABLE AND CUT IS SMOOTH.

THICK WALL HEATSHRINK TUBING:
 AMP # 53701-1 (EIW00112) MAX INSIDE DIA = .750" (EXPANDED), MIN INSIDE DIA = .220" (RECOVERED)

AMP # 53700-1 (EIW00113) MAX INSIDE DIA = .400" (EXPANDED), MIN INSIDE DIA = .150" (RECOVERED)

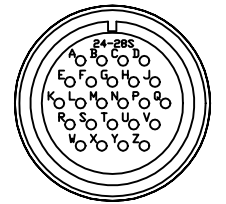


STARTING CABLE LENGTH = 15.5 FT



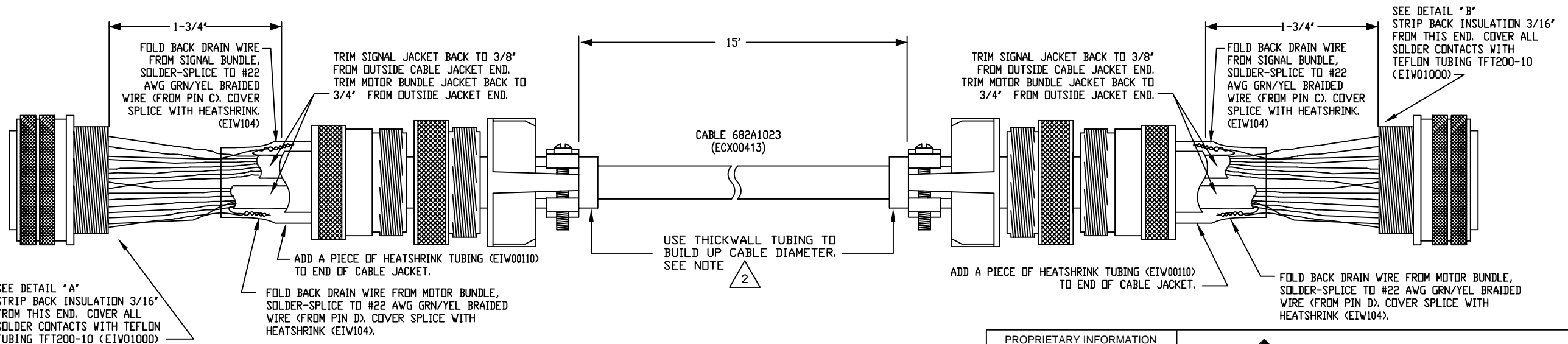
DETAIL "A"

INSERT MS24-28P (MCM468)
 VIEWED FROM WIRE SIDE OF CONNECTOR



DETAIL "B"

INSERT MS24-28S (MCM469)
 VIEWED FROM WIRE SIDE OF CONNECTOR



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

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	NTC	11/97
CHECKED	WG	11/97
APPD.	WG	11/97

PART CODE	SIZE	REV.
DC-MSO1	C	A
SCALE NTS		FILE NAME 630C1351A1.dwg
SHEET 1 OF 1		

DC OUTPUT CABLE
 DC-MSO1

630C1351