

BILL OF MATERIAL			
NAME	QTY	DESCRIPTION	PART NO.
	4	8-32 X 5/16 X 7/64 NUT SS	H0002
	4	6-32 X 5/16 SLOT PAN HEAD SS	H0005
	28	#6 EXTERNAL LOCKWASHER SS	H0024
	1	4-40 HEX NUT ZP 1/4" ACROSS FLATS	H0092
	1	#4 SOLDER LUG	H0104
	2	#4 INTERNAL LOCKWASHER ZP	H0120
	4	RUBBER BUMPER	H0189
	24	6-32 X 3/8 TYPE 25 TAPPING ZP	H0207
	1	4-40 X 1/2 SPMS ZP	H0343-1.5
	4	CARD MOUNT BAR 1.5" LONG	H0344-1.5
	2	CARD CONNECTOR MOUNT 1.5" LONG	H0345
	2	CARD GUIDE 4.5" LONG SNAP-IN	H0356
	1	4-40 X 5/8 SPMS ZP	M1087
	2	CARD CAGE END PLATE 4.5" HIGH PC	M1103
	1	NAMEPLATE 1881 CARD CAGE	PC0586
	1	1881 BACKPLANE PCB	

PC0586 BILL OF MATERIAL			
	8	TY WRAP	H0085
	1	RING TERMINAL #8 STUD RED INS	H0128
	1	CONNECTOR CARD EDGE 22/44	H0342A
	98	SLEEVING EXPANDABLE 1/2" BLACK VOLTRX	H0348
	1	TERMINAL BLOCK 12PT	H0347
	115AC	60.0 #18 BLACK U/L 1015	M0301
	ACRET	60.0 #18 WHITE U/L 1015	M0305
	NEG	60.0 #18 BLUE U/L 1015	M0304
	OUTC	249.0 #20 RED UL 1007 TOPCOAT	M0310
	QUITE	80.0 #20 BLACK UL 1007 TOPCOAT	M0311
	POS	60.0 #18 ORANGE U/L 1015	M0328
	SAFTY	60.0 #18 GREEN U/L 1015	M0333
	STG	249.0 #20 YELLOW UL 1007 TOPCOAT	M0312
	2	WIRE MARKER LIGHTBAR "A"	M0827
	2	WIRE MARKER LIGHTBAR "B"	M0828
	2	WIRE MARKER LIGHTBAR "C"	M0829
	2	WIRE MARKER LIGHTBAR "D"	M0830
	2	WIRE MARKER "AC"	M1117
	1	WIRE MARKER "GM"	M1273
	1	WIRE MARKER "1"	M1273
	1	BACKPLANE PCB	TE0095

SPECIFICATIONS

PHYSICAL SIZE

HEIGHT 5.80" (147.3MM)

DEPTH 8.06" (204.7MM)

WIDTH 2.90" (73.7MM)

MOUNTING

UNIT CAN BE MOUNTED ON SHELF OR MUNG FROM SHELF UTILIZING THE MOUNTING HOLES IN THE TOP FLANGE.

ENVIRONMENTAL

TEMPERATURE (OPERATING) -30°F TO +165°F

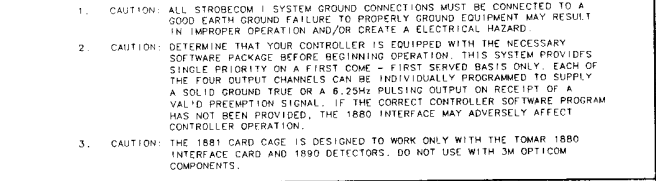
..... -34°C TO +74°C

INTERFACE CONNECTIONS 4 CHANNEL

- OUTPUTS ARE SOLID GROUND TRUE <8-0VDC> DURING HI PRIORITY OPTICAL INPUT (PREMPT).
- OUTPUTS ARE PULSING AT 8.25 Hz (<2-15VDC HIGH TO 8-0VDC LOW> FOR LOW PRIORITY OPERATION AS SELECTED BY REMOVING JUMPERS J1 THRU J4 ON THE 1880 INTERFACE CARD.
- ALL GROUND AND POWER WIRING IS #18 AWG UL 1015.
- ALL LOGIC AND SIGNAL WIRING IS #20 AWG UL 1007.
- SYSTEM IS PROGRAMMED TO PROVIDE A 5 SECOND OFF-DELAY OF THE OUTPUT SIGNAL ("DROP-OUT TIME") STANDARD, AND MAY BE REPROGRAMMED FOR 10 SECONDS BY CUTTING TIMING LOOP IN DETECTOR.

INSTALLATION NOTES

- CAUTION: ALL STROBECOM I SYSTEM GROUND CONNECTIONS MUST BE CONNECTED TO A 2000 OHM EARTH GROUND FAILURE TO PROPERLY GROUND EQUIPMENT MAY RESULT IN IMPROPER OPERATION AND/OR CREATE A ELECTRICAL HAZARD.
- CAUTION: DETERMINE THAT YOUR CONTROLLER IS EQUIPPED WITH THE NECESSARY SOFTWARE PACKAGE BEFORE BEGINNING OPERATION. THIS SYSTEM PROVIDES SINGLE PRIORITY ON A FIRST COME - FIRST SERVED BASIS ONLY. EACH OF THE FOUR OUTPUT CHANNELS CAN BE INDIVIDUALLY PROGRAMMED TO SUPPLY A SOLID GROUND TRUE OR A 6.25Hz PULSING OUTPUT ON RECEIPT OF A VALID PREEMPTION SIGNAL. IF THE CORRECT CONTROLLER SOFTWARE PROGRAM HAS NOT BEEN PROVIDED, THE 1880 INTERFACE MAY ADVERSELY AFFECT CONTROLLER OPERATION.
- CAUTION: THE 1881 CARD CAGE IS DESIGNED TO WORK ONLY WITH THE TOMAR 1880 INTERFACE CARD AND 1890 DETECTORS. DO NOT USE WITH 3M OPTICOM COMPONENTS.



REVISIONS		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE	TOMAR ELECTRONICS INC.	
REV	DATE	DESCRIPTION	2100 W OBISPO GILBERT, ARIZONA 85234	
1	2/83	REVISED CHANNEL B & D PINS FOR 93	DECIMALS	
2	5/83	ADDED INTERNAL WIDTH TOLERANCE & DIMENSIONS	XXX +	
3	5/83	ADDED BACKPLANE PCB, TE93	FRACTIONS +	
4	10/83	ADDED M1273 AND M1087 FOR MOUNTING	MATERIAL	
5	12/84	CORRECTED 74°F TO 74°C	FINISH	

SCALE	NONE	DRAWN	R. WEGENER	11-12-82
CHECKED			ENGINEER	
ASSEMBLY CODE		DRAWING NUMBER		
FP	PC	TE	11229	
FP636A-1				

DO NOT SCALE DRAWING

© COPYRIGHT 1984

