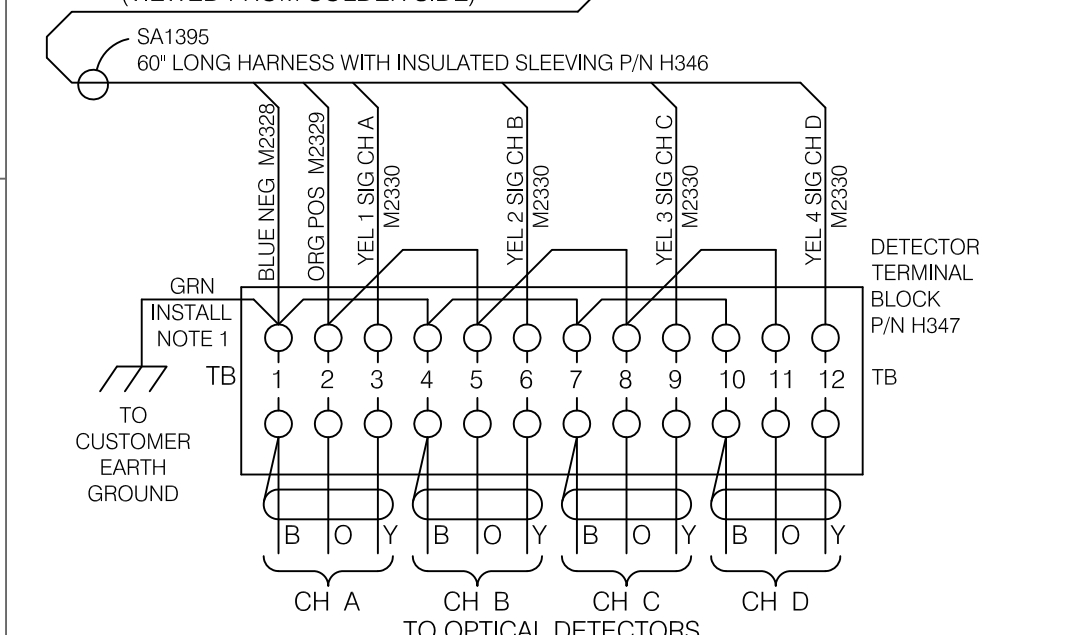
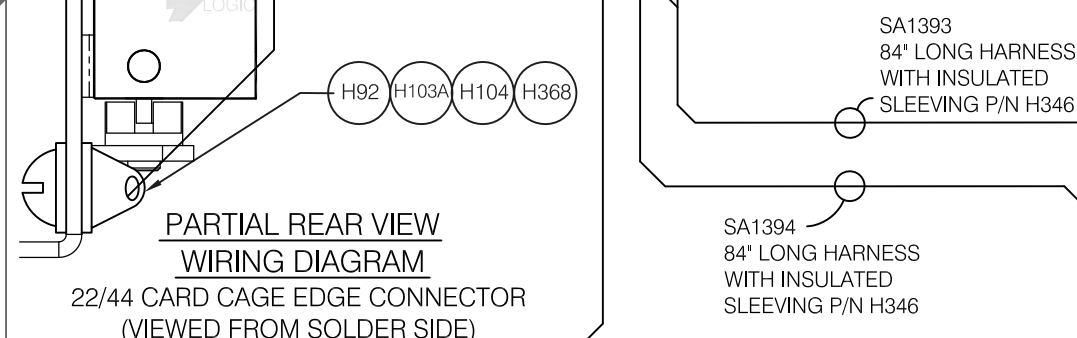
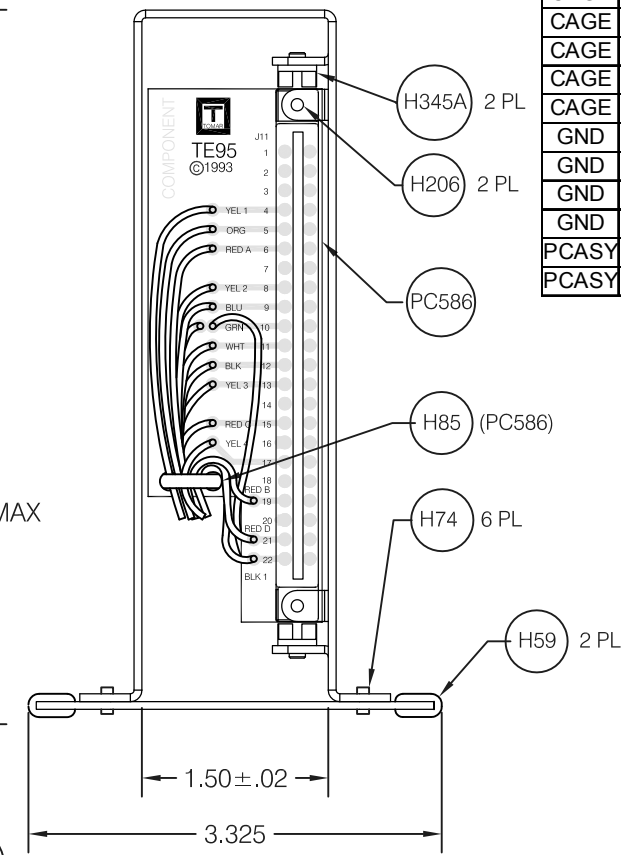
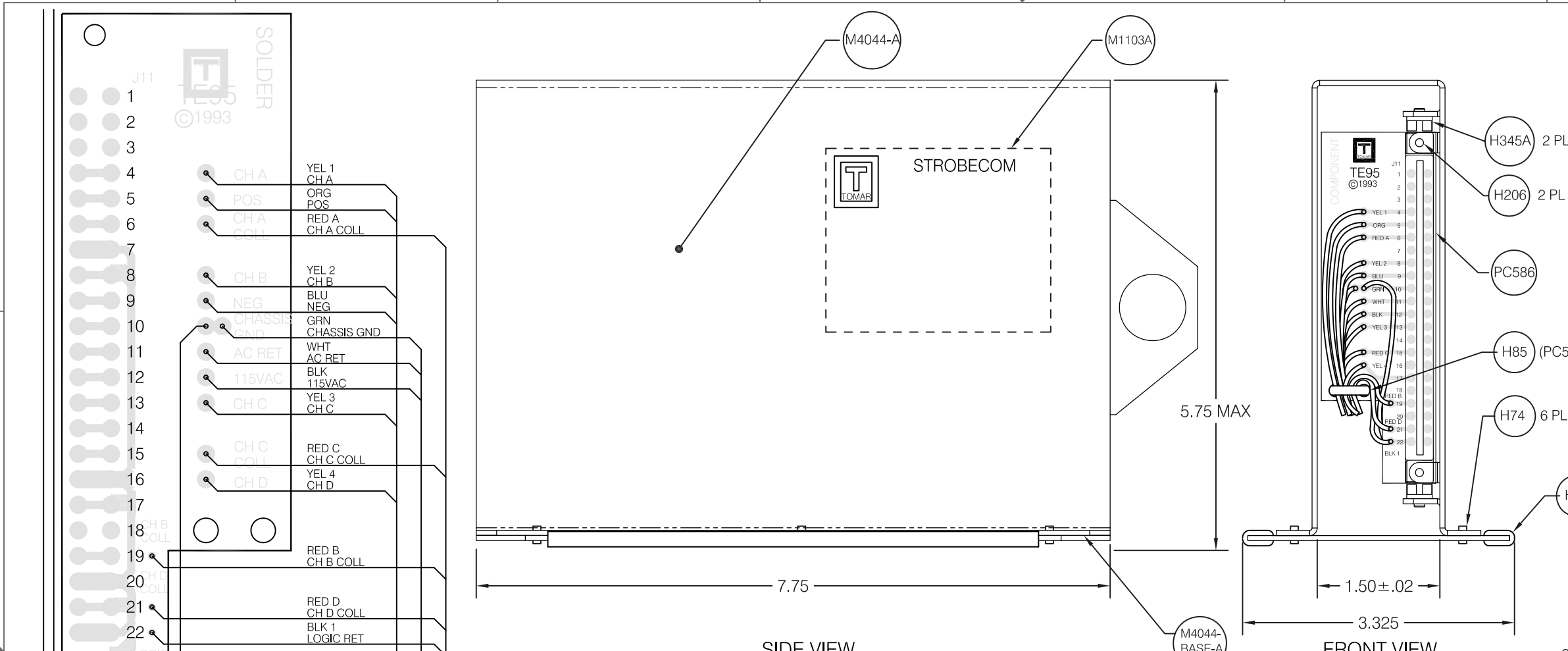
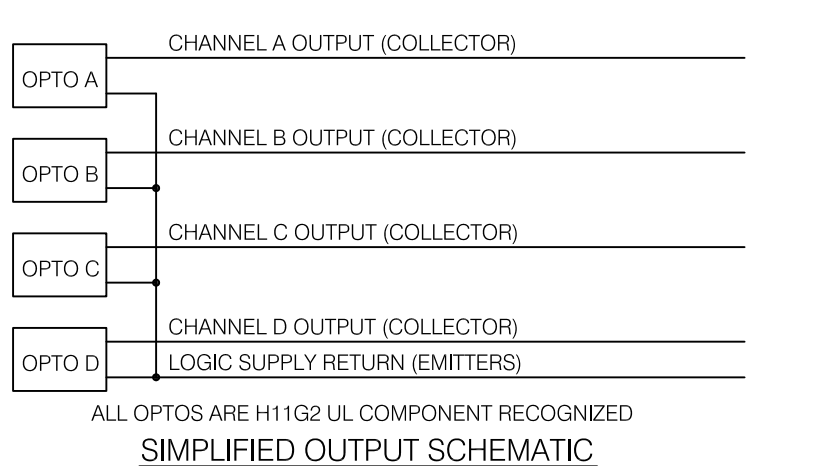


BILL OF MATERIAL			
NAME	QTY	DESCRIPTION	PART NO.
	1	NAMEPLATE 1881 CARD CAGE	M1103A
CAGE	1	RUBBER U-CHANNEL, 2 PCS @ 6 IN	H0059
CAGE	6	POP RIVET .094" DIA X .03-.125	H0074
CAGE	2	CARD GUIDE 4.5" LONG SNAP-IN	H0345A
CAGE	1	ENCLOSURE CARD CAGE ANODIZED	M4044-A
CAGE	1	BASE PLATE CARD CAGE ANODIZED	M4044-BASE-A
GND	1	4-40 HEX NUT ZP 1/4" ACROSS FLATS	H0092
GND	1	#4 SOLDER LUG BENT	H0103A
GND	1	#4 INTERNAL LOCKWASHER ZP	H0104
CASD	1	4-40 X 5/8" SPHMS ZP	H0368
PCASY	2	POP RIVET .094" DIA X .25-.375	H0206
PCASY	1	1881 BACKPLANE PCB	PC0586



WIRE	DESCRIPTION	PART NO.	TERMINAL
RED A	CH A OUTPUT (COLLECTOR)	M2331	A
RED B	CH B OUTPUT (COLLECTOR)	M2331	B
RED C	CH C OUTPUT (COLLECTOR)	M2331	C
RED D	CH D OUTPUT (COLLECTOR)	M2331	D
BLK1	LOGIC RETURN (EMITTERS)	M2332	LOGIC GND
M3161	BLK 115VAC (HOT)	AC+	AC
M2334	WHT AC RETURN (NEUTRAL)	AC -	AC
M2335	GRN SAFETY GROUND (NOTE 1)	GND	GND

NOTE: GROUND AND AC POWER WIRING IS #18 AWG
LOGIC SUPPLY RETURN AND OUTPUTS ARE #20 AWG



SPECIFICATIONS

PHYSICAL SIZE
HEIGHT.....5.75" MAX (146mm)
DEPTH.....7.75" (197mm)
WIDTH.....3.325" (85mm)

MOUNTING
UNIT CAN STAND OR LIE ON SHELF

ENVIRONMENTAL
TEMPERATURE (OPERATING)....-30°F TO +165°F
.....-34°C TO +74°C

INTERFACE CONNECTIONS 4 CHANNEL

1. OUTPUTS ARE SOLID GROUND TRUE <8-0VDC> DURING HI PRIORITY OPTICAL INPUT (PREEMPT).
2. OUTPUTS ARE PULSING AT 6.25 Hz <24-16VDC HIGH TO 8-0VDC LOW> FOR LOW PRIORITY OPERATION.
3. ALL GROUND AND POWER WIRING IS #18 AWG UL 1015.
4. ALL LOGIC AND SIGNAL WIRING IS #20 AWG UL 1007.

- INSTALLATION NOTES**
1. **CAUTION:** ALL STROBECOM SYSTEM GROUND CONNECTIONS MUST BE CONNECTED TO A GOOD EARTH GROUND. FAILURE TO PROPERLY GROUND EQUIPMENT MAY RESULT IN IMPROPER OPERATION AND/OR CREATE AN ELECTRICAL HAZARD.
 2. **CAUTION:** DETERMINE THAT YOUR CONTROLLER IS EQUIPPED WITH THE NECESSARY SOFTWARE PACKAGE BEFORE BEGINNING OPERATION.

UNLESS OTHERWISE SPECIFIED	REV	DATE	DESCRIPTION	TOMAR ELECTRONICS INC. 2100 WEST OBISPO GILBERT, ARIZONA 85233
DIMENSIONS ARE IN INCHES. TOLERANCES: DECIMALS .XX + - - .XXX + - - ANGLES ±	02	6/17/93	Added internal width tolerance & dimensions	STROBECOM 1881 CARD CAGE AND HARNESS ASSEMBLY AND WIRING DIAGRAM TOMAR PART NO: FP636B-1
SCALE NONE DO NOT SCALE DRAWING	03	6/17/93	Added backplane PC9, TE95	
DRAWN R. Wegener 11/17/92	04	2/10/94	Added M1273 & H0368 for mounting H0103 solder lug	
APPROVED	05	4/12/94	Corrected 74°F to 74°C	
	06	10/23/01	Split & lengthen AC/Output Harness: Various mods	
	07	01/09/08	New Card Cage Design	
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DRAWING NO.	REV
11229	07
SHT 1 OF 1	