

ITEM	AD-27W	PART NO.	DESCRIPTION
1	1	8590255 (REF)	COVER ASSEMBLY
2	1	8590217	HOUSING MACHINED
3	1	8590193	BACKET ASSEMBLY/MOUNTING
4	2	10710062-06	SCREW#120 FPM PAN HD PHIL.8 -32
5	1	2005150	PCBA.120V/ATKINSON
6	1	8590118-02	PLUG CONDUIT
7	3	7000A44-04	SCREW MACH PAN HD PHIL.6-32
8	1	7300218-40-004	T WIRE.18 AWG
9	1	7075A010	LOCKWASHER,INT TH.16
10	1	139285-02	CONNECTOR.2 POSITION
11	1	150159	CLAMP WATERIGHT CABLE
12	1	1481181	CORR POWER 120V
13	1	85900279	ANTENNA ASSEMBLY
14	1	230290	SPACER
15	1	C300218-10-037	WIRE,CLUT.18 AWG,BLACK
16	1	140411-03	PLUG.3 POSITION
17	1	50	ADHESIVE,RY #6708
18	2	992-09-01	TUBING,HEAT SHRINK
19	1	7075A025	LOCKWASHER,EXT TH.18
20	1	7000A408-03	SCREW MACH PAN HD PHIL.8-32
21	1	81461208	LABEL,CUTION
22	1	81461590	LABEL,WARNING
23	1	8590013	GASKET,COVER
24	6	7000A44-04	SCREW MACH PAN HD PHIL.10-24
25	6	7074A010	LOCKWASHER #10 SPLIT
26	1	2561749	INSTRUCTION SHEET
1	1	180428	CARTON,SHIPPING
1	1	181310	FILLER,BOTTOM
1	1	181311	FILLER,TOP
2	1	1612331-01	LABEL,CARTON, AD-27W


- ## NOTES

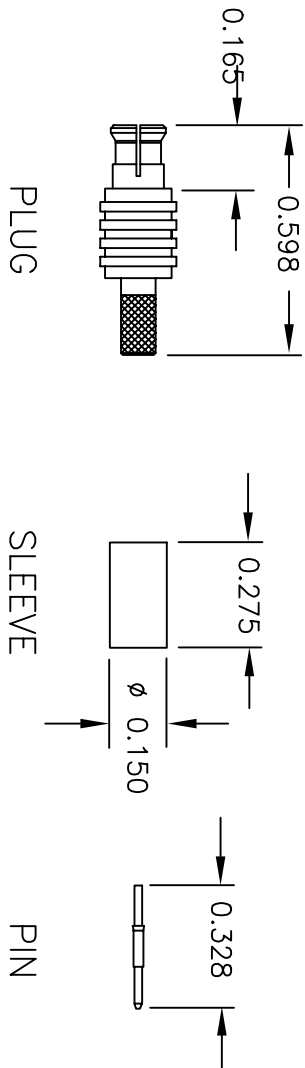
1. CUT SPEER WIRES TO 7" LENGTH FROM OUTLET INSIDE HOUSING
2. ATTACH ONE END OF EARTH GROUND WIRE T500218-40-004 UNDERNEATH SCREW. SEE DETAIL B
3. MAKE SURE TERMINAL ON EARTH GROUND WIRE DOES NOT TOUCH FLUE F1 ON P.C. BOARD.
4. INSTALL HEAT SHRINK TUBING OVER SWITCH CONTACTS AFTER SOLDERING WIRES.
5. TORQUE THE SIX (6) COVER SCREWS TO 18-20 INCH LBS.

PRE-PRODUCTION

This drawing prepared
in accordance with
ANSI Y14.5M-1982

[illegible]

 SIGNAL Corporation	2545 FEDERAL, SIGNAL DRIVE - UNIVERSITY PARK, LT. 604S DALLAS, TEXAS, 75244	
	FEDERAL Signal Corporation	
DRAWN BY: BWH DATE: 9-4-01	MATERIAL, DESCRIBED AND INFORMATION CONTAINED IS PROPRIETARY TO FEDERAL SIGNAL CORPORATION, IS OR MAY BE THE SUBJECT OF PATENT APPLICATIONS, OR USED FOR MANUFACTURING WITHOUT CONSENT.	
	CHKD. BY: P.M. DATE: 9-4-01	SCALE: AS SHOWN FULL
DRAWING NUMBER: 85902255A-SHT.2		



NOTES

1. SIX (6) SAMPLES MUST BE APPROVED BY FEDERAL SIGNAL CORPORATION ENGINEERING DEPT. PRECEDING PRODUCTION.
2. CRIMP PLUG TO BE AMPHENOL PART NO. 919-101P-51SX OR EQUIVALENT APPROVED BY FSC ENGINEERING DEPT.
3. WILL ACCEPT CABLE TYPE: RG-174,188,316.

This drawing prepared
in accordance with
ANSI Y14.5M-1982

WIRELESS ATKINSON

Tolerances Unless Otherwise Specified	
Angles	±0.5°
x.xx	±.015
x.xxx	±.005



FINISH	GOLD PLATED
REMOVE BURRS, SHARP CORNERS AND EDGES	

MATERIAL DESCRIBED AND INFORMATION CONVEYED IS PROPRIETARY TO FEDERAL SIGNAL CORPORATION, IS OR MAY BE THE SUBJECT OF PATENT APPLICATIONS, AND MAY NOT BE COPIED, DIVULGED TO OTHERS, OR USED FOR MANUFACTURING WITHOUT CONSENT.

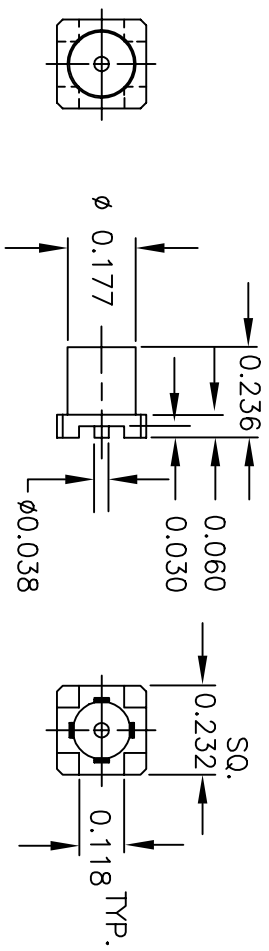
MATERIAL	AS SUPPLIED BY VENDOR		UNIT OF MEASURE	PC	DRAWN BY	BWH	CHKD. BY	T.S.	SCALE AT A SIZE:
			DATE	6-19-01			DATE	6-19-01	2X DO NOT SCALE DRAWING

NAME	CONNECTOR, COAX CABLE ANTENNA, CRIMP, RG-174		
DRAWN BY	BWH	CHKD. BY	T.S.
DATE	6-19-01	DATE	6-19-01
DRAWING NUMBER	140435A		

REV.	REL. TO PROD. ECO #01-5236	7-5-01	BWH
CHANGE			

DRAWING NUMBER

140435A



NOTES

1. SIX (6) SAMPLES MUST BE APPROVED BY FEDERAL SIGNAL CORPORATION ENGINEERING DEPT. PRECEDING PRODUCTION.
2. RECEPTACLE TO BE AMPHENOL PART NO. 919-118J-51PT OR EQUIVALENT APPROVED BY FSC ENGINEERING DEPT.
3. TERMINAL TYPE: BLUNT POST
4. RECEPTACLE MUST BE ON TAPE AND REEL.

P.C. BD. PAD LAYOUT

SCALE: 4X

This drawing prepared
in accordance with
ANSI Y14.5M-1982

WIRELESS ATKINSON

Tolerances Unless Otherwise Specified	±0.5°
Angles	±.015
x.xx	±.005
x.xxx	

Federal Signal Corporation
2645 FEDERAL SIGNAL DRIVE - UNIVERSITY PARK, IL 60466

FINISH		GOLD PLATED	
REMOVE BURRS, SHARP CORNERS AND EDGES			
MATERIAL		AS SUPPLIED BY VENDOR	
NAME		RECEPTACLE, SMT, JACK	
DRAWN BY BWH		DATE 6-18-01	
CHKD. BY T.M.		DATE 6-18-01	
SCALE AT A SIZE: 2X		DO NOT SCALE DRAWING	
DRAWING NUMBER		1391001A	
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REL. ECO #01-5236 & 01-2285		7-5-01	
REV.		DATE	
CHANGE		BY	

DRAWING NUMBER	1391001A
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