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REVISIONS			
REV	DESCRIPTION	DRAWN/APP/DATE	LOC
A	ADD RADIAL FLOAT NOTE FOR STUD		
BDS/BDSP091306			

NOTES:

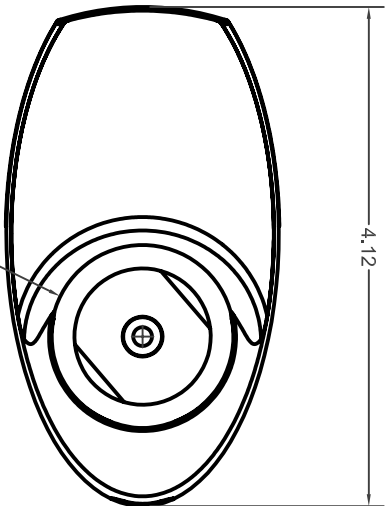
THE GPS PLUS COMBINATION ANTENNA/MOUNT INCLUDES AN ACTIVE GPS ANTENNA AND A MOBILE ANTENNA MOUNT IN A SINGLE INSTALLATION.

THE MOBILE ANTENNA INTERFACE IS A STANDARD M-TYPE INTERFACE (1/8-18 THREAD) THAT HAS BEEN DESIGNED TO PROVIDE PERFORMANCE AT LOW AND HIGH FREQUENCIES.

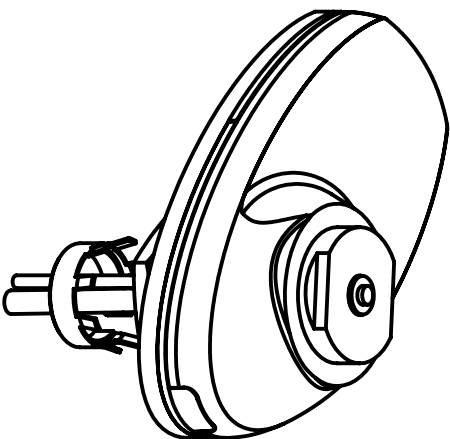
INSTALLATION GUIDELINES FOR THE SPECIFIC MOBILE ANTENNA USED WITH THIS MOUNT APPLY AS IF USED WITH A STANDARD PERMANENT ANTENNA MOUNT. I.E. IF THE ANTENNA REQUIRES A GROUND PLANE ON A STANDARD MOUNT IT WILL REQUIRE A GROUND PLANE UNDER THE GPS PLUS ANTENNA/MOUNT.

THE OPTIMUM LOCATION FOR MOUNTING THE GPS PLUS IS A FLAT LEVEL SURFACE, FREE OF OBSTRUCTION, OFFERING A CLEAR VIEW OF THE HORIZON AND ABOVE IN ALL DIRECTIONS.

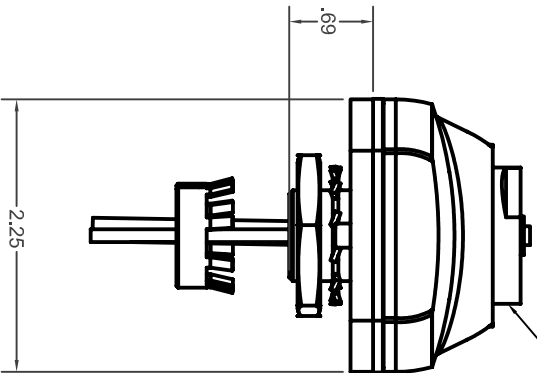
AVAILABLE IN BLACK WITH BLACK CABLES AND WHITE WITH BLACK CABLES



Ø1.51



1 1/8-18 M-MOUNT INTERFACE



MAXIMUM MOUNTING SURFACE MATERIAL THICKNESS, .50 FOR TYPICAL INSTALLATION WITH LOCK WASHER AND HEX JAM NUT, .13 FOR BLIND INSTALLATION WITH SPRING CROWN NUT

17 FEET RG174 COAXIAL CABLE FOR ACTIVE GPS ANTENNA WITH CHOICE OF CONNECTOR (ATTACHED)

17 FEET RG58/U COAXIALCABLE ANTENNA MOUNT WITH CHOICE OF CONNECTOR (UNATTACHED)

SOFT RUBBER GASKET

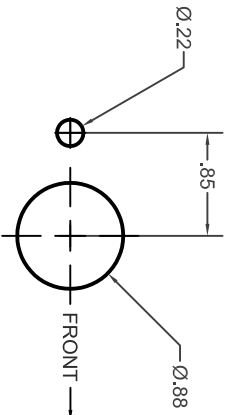
3/4-16 EXTERNAL TOOTH SPLIT LOCK WASHER

3/4-16 THREADED STUD

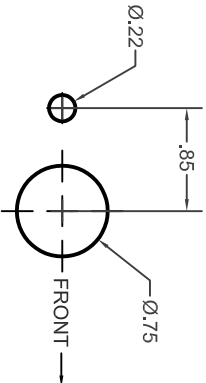
3/4-16 HEX SPLIT JAM NUT

SPRING CROWN NUT

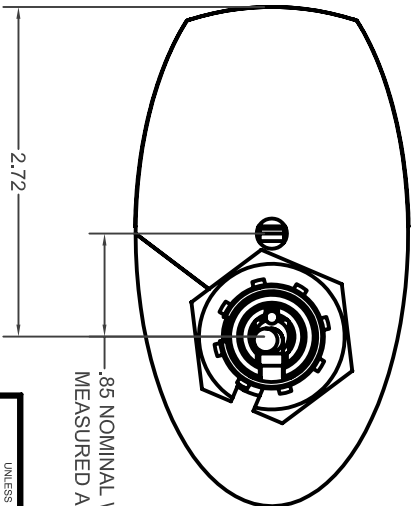
USED FOR BLIND INSTALLATIONS



REQUIRED MOUNTING HOLE PATTERN
BLIND INSTALLATION WITH CROWN NUT



REQUIRED MOUNTING HOLE PATTERN
TYPICAL INSTALLATION WITH
LOCK WASHER AND HEX JAM NUT



.85 NOMINAL WITH ± .04 RADIAL FLOAT (PIVOT)
MEASURED AT OUTER GASKET SURFACE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN	DATE
FOR TOLERANCES NOT SPECIED USE: XX = ± 0.1, XXX = ± 0.01, XXXX = ± 0.005 ANGULAR ± Z		BDS	012704
THIRD ANGLE PROJECTION		ORIGINAL PROJECT:	
PROPRIETARY DATA		MATERIAL:	
THE INFORMATION CONTAINED IN THIS DOCUMENT IS OF A PROPRIETARY NATURE. IT MAY NOT BE USED OR REPRODUCED WITHOUT EXPRESS WRITTEN PERMISSION OF PCTEL INC. 471 BRIGHTON DRIVE, BLOOMINGDALE, IL 61710-1803		FINISH:	
DESCRIPTION OUTLINE DIMENSIONAL DRAWING, GPS PLUS STUD MOUNT		DRAWING NO. ODD_GPSPSM	
PCTEL INC. BROADBAND TECHNOLOGY GROUP 471 BRIGHTON DRIVE BLOOMINGDALE, IL 61710-1803 TEL: 815-236-2877 FAX: 815-272-8877		SIZE	SHEET
C		SCALE	FULL

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