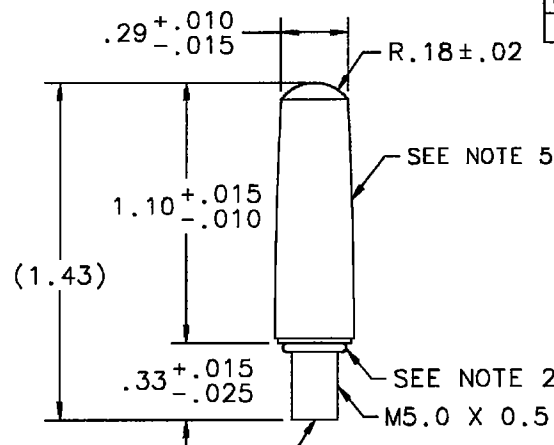


4

3

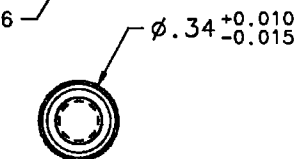
2

1



NOTES: UNLESS OTHERWISE SPECIFIED

- 1) SPECIFICATIONS: OPERATING BAND: (RX: 925-960 MHz/TX: 880-915 MHz)
POWER RATING: 50 WATTS
IMPEDANCE: 50 OHMS (NOMINAL)
OPERATING TEMPERATURE: -40°C TO +85°C
LINEAR PULL: 22 LBS (10 Kg) MINIMUM
BENDING TEST: 30° BEND IN TWO DIRECTIONS
- 2) INSTALL *O* RING, PARKER SEAL PART NUMBER 5-669 OR
SYMBOL APPROVED EQUIVALENT. *O* RING TO BE BLACK IN COLOR
- 3) PARTS SHALL MEET THE CRITERIA PER STI WORKMANSHIP STANDARD SS-03800-57
- 4) PACKAGE ITEMS IN ACCORDANCE WITH STI
GENERAL PACKAGING SPEC # 50-04100-013.
1 PER PACKAGE WITH THE FOLLOWING IDENTIFICATION:
- SYMBOL PART NUMBER
- ID BARCODE OF SYMBOL PART NUMBER
- REVISION
- 5) SLEEVE COLOR TO BE BLACK.
- 6) MARK THE BOTTOM OF THREADED STUD WITH A BLUE DOT.



REVISIONS						
REV	DESCRIPTION	E.C.	BY	APVD.	DATE	
A	RELEASED PER EDR #65093		DMB		4/26/01	

PERFORMANCE FOR SPT-1734 PLATFORM						
FREQUENCY BAND	TYP. PEAK GAIN (dBi)	MIN. PEAK GAIN (dBi)	TYP. AVG. GAIN (dBi)	MIN. AVG. GAIN (dBi)	TYP. VSWR (:1)	MAX. VSWR (:1)
GSM 900	0.0	-2.0	-3.0	-5.0	1.5	2.5
GSM 1800(DCS)	-1.0	-3.0	-3.5	-5.5	2.4	2.7
GSM 1900(DCS)	-1.5	-3.5	-4.0	-6.0	2.8	3.0

PERFORMANCE FOR PPT-2734 PLATFORM						
FREQUENCY BAND	TYP. PEAK GAIN (dBi)	MIN. PEAK GAIN (dBi)	TYP. AVG. GAIN (dBi)	MIN. AVG. GAIN (dBi)	TYP. VSWR (:1)	MAX. VSWR (:1)
GSM 900	0.0	-2.0	-3.0	-5.0	1.5	2.5
GSM 1800(DCS)	-0.5	-2.5	-4.0	-6.0	2.3	2.5
GSM 1900(DCS)	-1.5	-3.5	-4.0	-6.0	2.7	2.9

DIMENSIONS ARE IN INCHES

UNLESS OTHERWISE
SPECIFIED

	MM	INCH
.XX	±.01	±.01
.XXX	±.005	±.005

ANGLES ± 1° FRACTIONS ± 1/64

MATERIAL:

SEE NOTE 1

FINISH:

APPROVALS

DATE

DRAWN David Bauer 5-26-00

CHECKED B.Kelly 5-26-00

ENGINEER Dean LaRosa 5-26-00

MFG. ENG.

PRODUCT G.Still 5-26-00

QUALITY

ANALYST

SYMBOL TECHNOLOGIES INC.

Bohemia, New York

ANTENNA: GSM, HELIX

SIZE	DWG. NO.	REV
B	10-38336-04	A
SCALE: 2:1		
SOLID MODEL		
SHEET 1 OF 1		

THE DRAWING & SPECIFICATION CONTAINED HEREIN ARE PROPRIETARY AND MUST NOT BE USED, COPIED, REPRODUCED, OR OTHERWISE DEALT WITH NOR ITS CONTENTS COMMUNICATED TO OTHERS EXCEPT IN ACCORDANCE WITH WRITTEN INSTRUCTIONS RECEIVED FROM SYMBOL TECHNOLOGIES INC.		
SPT1734/PPT2734		
NEXT ASSY	USED ON	DO NOT SCALE DRAWING