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CONVERSION CHART		CONVERSION CHART	
INCH	MM	INCH	MM
.003	0.07	.920	23.37
.080	2.03	1.005	25.53
.125	3.18	1.055	26.80
.126	3.20	1.102	27.99
.217	5.51	1.198	30.43
.225	5.72	1.248	31.70

.250	6.35
.251	6.38
.430	10.29
.450	11.43
.464	11.79
.550	13.97
.555	14.10
.565	14.35
.690	17.53
.704	17.88
.710	18.03
.713	18.11
.811	20.60
.815	20.70
.858	21.79
.862	21.89
.906	23.01

SPECIFICATIONS:

MATERIALS:

MATERIAL: PHENOLIC  
SHAFT HOLE INSERT: COPPER ALLOY  
SET SCREW: TWO #6-32 UNC-2A SET SCREWS

NOTES:

1. PLASTIC OVERLAY MUST BE PRESENT ON TOP SURFACE.
2. INTERPRET DRAWING PER ASME Y14.5M-1994.
3. PACKAGING: FOR P/N PKG100B-1/4 & PKG125B-1/4, A CARDBOARD SHEET SHALL BE INSERTED BETWEEN THE OUTER SLEEVE & KNOB TRAY, SO AS TO PREVENT THE KNOBS FROM FALLING OUT OF THEIR RESPECTIVE POCKETS.

WHITE INDICATOR LINE

SPUN ALUMINUM INLAY

SECTION A-A

TWO #6-32 UNC-2B SET SCREW HOLES

MODEL	COLOR	SHAFT HOLE $\phi$	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"
PKG-90B-1/4	BLK	.251	.862	.811	.710	.710	.080	.225	.450	.550
PKG-90R-1/8	RED	.126	.858	.815	.713	.704	.125	.217	.464	.555
PKG-90R-1/4	RED	.251	.858	.815	.713	.704	.125	.217	.464	.555
PKG-100B-1/4	BLK	.251	1.055	1.005	.906	.920	.080	.217	.430	.555
PKG-125B-1/4	BLK	.251	1.248	1.198	1.102	.690	.080	.217	.430	.565
PKG-90B-1/8	BLK	.126	.862	.811	.710	.710	.080	.225	.450	.550

TOLERANCE CHART

	DIMENSION	TOLERANCE
SHAFT HOLE	.126 DIA.	+.003 -.000
	.251 DIA.	+.003 -.000

THIS IS A C.A.D. GENERATED DRAWING.  
DO NOT MAKE MANUAL REVISIONS TO MASTER.

REV	7	8
REVISIONS	REVISED & REDRAWN ECO# 392-95 K.M. 5-24-95 APP'D: D.S. 6-2-95	REVISED ECO# 419-96 CAT 8-5-96 APP'D: <i>[Signature]</i> 8-14-96

**OUTLINE DRAWING**  
SPECIFICATIONS ARE SUBJECT TO CHANGES WITHOUT NOTICE

THIRD ANGLE PROJECTION

TOLERANCES (EXCEPT AS NOTED)  
ANGULAR =  $\pm 3^\circ$  (NON-CUMULATIVE)  
DECIMAL .XX =  $\pm$   
DECIMAL .XXX =  $\pm 0.015$   
DECIMAL .XXXX =  $\pm$

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DO NOT SCALE PRINT

FILE NAME: 80445OUT    DIRECTORY: HDWR/KNOBS

MATERIAL: SEE SPECIFICATIONS

FINISH: SEE SPECIFICATIONS

ORIGINAL DATE OF DRAWING: 8/88

DRAWN: J.G.B.    DATE: 8/88

CHECKED: RES    DATE: 5/84

APPROVED: BS    DATE: 5/84

CODE IDENT. NO. 91506    DWG. SIZE C

NEXT ASSY:

**AUGAT** 452 JOHN DIETSCH BLVD.  
ATTLEBORO FALLS, MASS. 02763  
INC.

TITLE: **OUTLINE DRAWING**  
KNOB SERIES  
(PKG-90, -100, -125)

DWG. NO. 80445-SD    REV. 8

PRODUCT CODE: M12

SCALE:    SHEET 1 OF 1

CAD080992C

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Property of Tyco Electronics Corporation February, 2001  
CUSTOMER DWG: 5-1437624-7 REV: 99 PG 1 OF 1

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