STANDARD DRAWING

REQ. PER UNIT	USED ON MODEL	ASS'Y. NO.	DATE	GL135	Ø
	TR185		10-28-64		

SPECIFICATIONS
AVERAGE VALUES

PROPERTIES

PHYSICAL	VALUE
HARDNESS	75
LINEAR SHRINKAGE (% DURING CURE)	1.0
MECHANICAL SHOCK RESISTANCE (7.8 POUND BALL)	NO CRACKING
THERMAL SHOCK RESISTANCE (3M 1/4" INSERT, 10 CYCLES .55°C TO 130°C)	NO CRACKING
HEAT RESISTANCE (% WEIGHT LOSS 168 HRS AT 130°C)	1.8
(HARDNESS AFTER AGING, SHORE D)	82
MOISTURE ABSORPTION (% WEIGHT GAIN 240 HRS 96% R.H.)	.70
THERMAL CONDUCTIVITY (CAL/SEC/CM/C/CM)	8.0 x 10

ELECTRICAL	VALUE
ELECTRIC STRENGTH VOLTS/MIL	450
DIELECTRIC CONSTANT (100 CYCLES AT 23°C)	5.2
DISSIPATION FACTOR (100 CYCLES AT 23°C)	.09
VOLUME RESISTIVITY (OHM-CM)	10

DESCRIPTION: BRAND NAME(SCOTCHCAST) RESIN NO.9
A TWO PART ROOM CURING SEMI-FLEXIBLU
100% SOLIDS EPOXY RESIN SYSTEM.

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
Ø	ORIGINAL RELEASE FOR PRODUCTION	11-2-64	Ø	[signature]		

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES AND INCLUDE
CHEMICALLY APPLIED OR PLATED FINISHES

SCALE —

DECIMALS .X ±.05 .XX ± .01 .XXX ±.005
TOLERANCES
FRACTIONS ± 1/64 ANGLES ± 0° 30'

CODE

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL

STOCK SIZE —

MATERIAL —

TYPE & TEMPER — | HEAT TREAT. SPEC. —

FINISH & SPEC. NO. —

THE TECHNICAL MATERIEL CORP.
MAMARONECK. NEW YORK

POTTING, EPOXY

DRAWN	CHECKED	FINAL APPROVAL
[signature] @10-28-64	[signature]	

ELEC. DES. APP.	MECH. DES. APP.	GL135	Ø
[signature] 11/2/64			