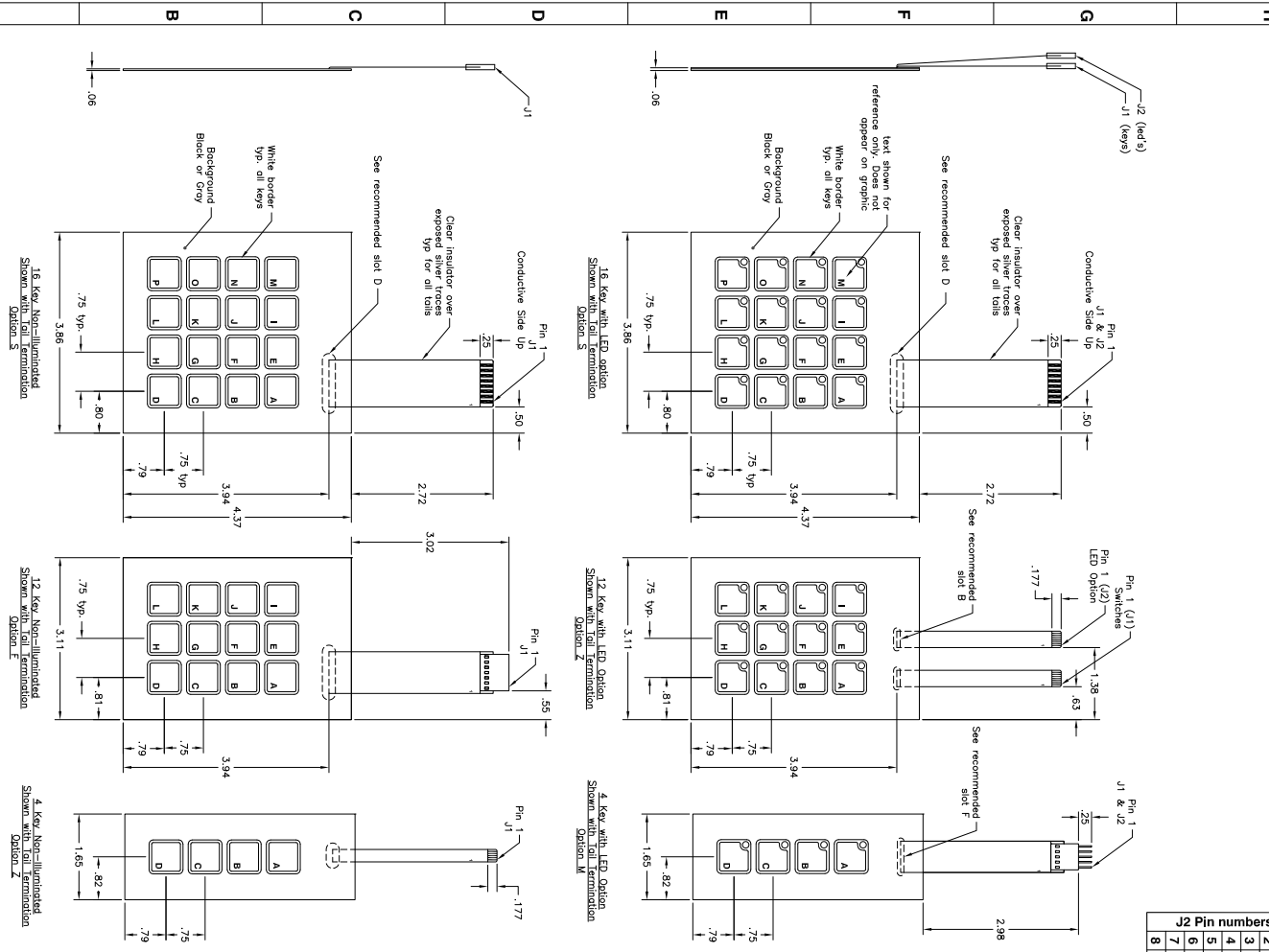


[illegible][illegible]

A - Anode
C - Cathode

2909-X-XX-X-X-XX

Base Number :

Background	Color
B =	Black
G =	PMS 430 Gray

Number of Positions
04 = 4 position
12 = 12 position
16 = 16 position

Color of LEDs

G=Green
R=Red
Y=Yellow
W=White
B=Blue
0=Non-Illuminated

Key	Legends	Color	Code
WB=	White	key copy,	Black background
WG=	White	key copy,	Gray background
BW=	Black	key copy,	White background
BG=	Black	key copy,	Gray background
GW=	Gray	key copy,	White background
GB=	Gray	key copy,	Black background

Tail Termination
Z = 1mm pitch ZIF or LIF
S=.100" pitch ZIF or LIF
F=.100" pitch Female pin header
M=.100" pitch Male pin header

ZIF – zero insertion force
LIF – low insertion force

7. Entire Assembly to be RoHS and NEPA4 compliant
 8. LED Ratings:
 Yellow = Forward Voltage 2.00V ~ 2.40V @20mA
 Red = Forward Voltage 2.00V ~ 2.40V @20mA
 Blue = Forward Voltage 3.50V ~ 4.30V @20mA
 White = Forward Voltage 2.75V ~ 3.95V @20mA
 9. Switch Ratings
 Power: 600C @ 250mA to 240C @ 20mA
 Dielectric Strength: 250V AC minimum for 1 minute
 Contact Resistance: 100mΩ maximum
 Operational Life: 1,000,000 actuations
 Contact Bounce: 150ns
 Operating Temperature: -55°C to +85°C
 10. (1) complete set of Inset cards included per keypad
 11. 3. Material: Durable Epoxy, Textured polycarbonate.
 Rear Adhesive : 3027 3M 7925MP
 Inset Cards: Polyester
 12. 1. Domes: 12mm, 4 legs, 14 oz.
 13. 1. Termination: See Toll Termination table
- NOTES: Unless otherwise specified:

File Name: Tool Location:	
CUSTOMER: APEM Components	
Q&A INSPECT 	63 Main Rd., 03033 Thompson's Station, TN 37189 Phone: 615-255-2528
DIMENSIONAL CONTROL TOLERANCES DIMENSIONS ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED ARE IN INCHES DECIMALS FRACTIONS ANGLES UNLESS OTHERWISE SPECIFIED ARE IN DEGREES	1 OF 2
JOB NO.	SHEET 1 OF 2
SIZE C	SCALE 1:1
DESCRIPTION Specifications, Generic Keypads	THIRD ANGLE PROJECTION 
DATE 9/21/10	PART NO. 2909-X-X-X-X-X-X-X
DO NOT SCALE DIMENSIONS	REV 1

