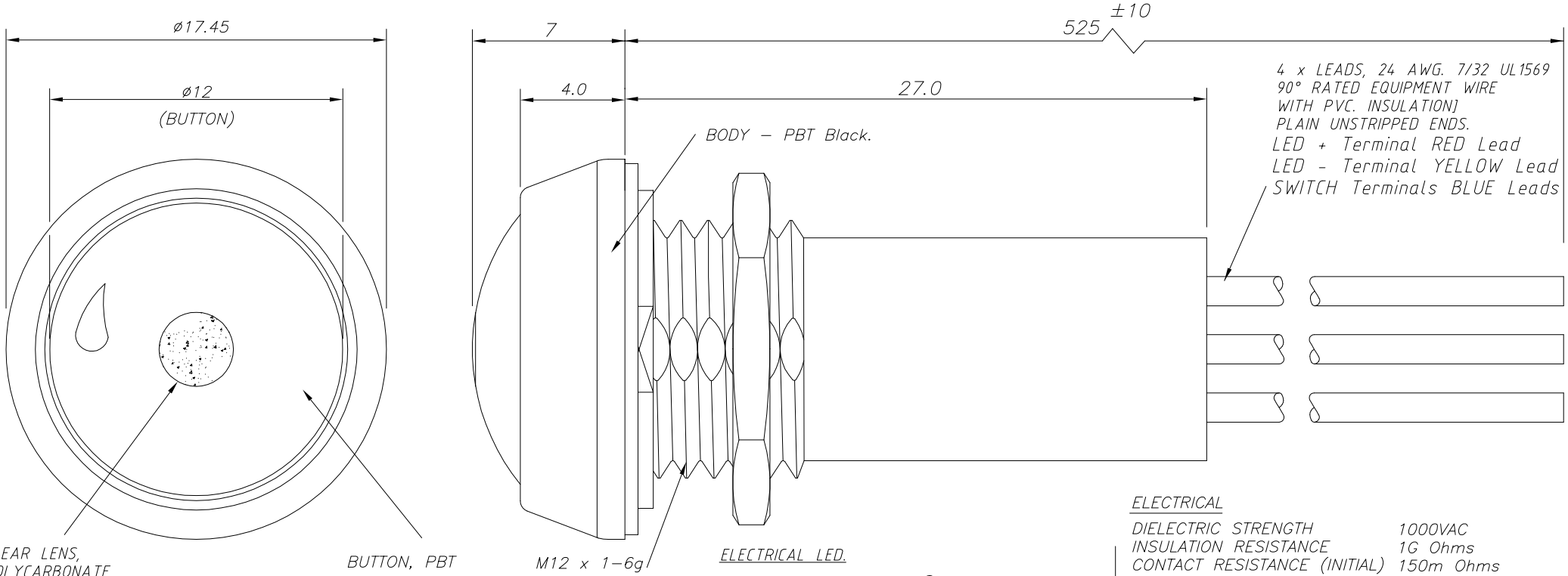
DRAWING No 59-531G-537G Sht. 1	DO NOT SCALE	DIMENSIONS IN MILLIMETRES THIRD ANGLE PROJECTION	CAD SYSTEM: 1	CAD FILE NAME: c;\acad\59-59IL\59531GTA



ELECTRICAL LED.

TYP. FWD. VOLTAGE (Vf @ I OPERATING	2.2.V
MAX. FWD. VOLTAGE (Vf @ I OPERATING	3.0.V
FORWARD CURRENT (I OPERATING)	20mA

NB: CURRENT LIMITING RESISTOR REQUIRED

ELECTRICAL

DIELECTRIC STRENGTH	1000VAC
INSULATION RESISTANCE	1G Ohms
CONTACT RESISTANCE (INITIAL)	150m Ohms
CURRENT RATING:–	
@ 32VAC RESISTIVE	400mA
@ 50VDC RESISTIVE	100mA
@ 125VAC RESISTIVE	125mA
LIFE (MINIMUM)	500,000 CYCLES
SWITCHING POWER (MAXIMUM)	16VA AC

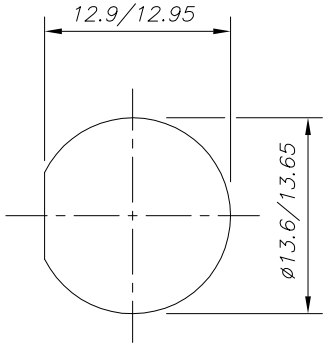
MECHANICAL

TRAVEL (NOMINAL)	2.3mm
LIFE (MINIMUM)	1,000,000 CYCLES
OPERATING FORCE (NOMINAL)	3N
PANEL THICKNESS	1.5mm MIN. – 3mm MAX.

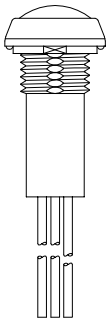
ENVIRONMENTAL & PHYSICAL

INGRESS PROTECTION	IP67
SHOCK	100G
OPERATING TEMP RANGE	–35°C TO +85°C
CONTACTS	GOLD PLATED– PALADIUM NICKEL

SUGGESTED PANEL CUTOUT



ACTUAL SIZE



ITW PART No.	BUTTON COLOUR	LED
59-531G	BLACK	GREEN
59-532G	RED	GREEN
59-533G	GREEN	GREEN
59-534G	WHITE	GREEN
59-535G	YELLOW	GREEN
59-536G	BLUE	GREEN
59-537G	ORANGE	GREEN

ISS	ECN	SIGN	DATE
A	86418	BV	26.4.97
B	86990	BV	7.2.00

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NORWAY ROAD, HILSEA, PORTSMOUTH,
HAMPSHIRE, ENGLAND PO3 5HT
Tel: 01705 694971 Fax: 01705 653356/666352

STANDARD TOLERANCES
NO PLACE DEC. ±0.5
1 PLACE DEC. ±0.2
2 PLACE DEC. ±0.1
ANGULAR ±0.5°
UNLESS STATED OTHERWISE
SCALE: 5 : 1

MATERIAL

FINISH

DRAWN	DATE	SIGN	DATE

TITLE 59 SERIES ILL. ROUND THREADED, BACK SEALED

DRAWING No 59-531G-537G Sht. 1 A3