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DRG No. CP32501

SH. 1

ISS. 3

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MODIFICATIONS

ZONE	ISS.	DESCRIPTION	DATE	DRN.	CHK.	APP.
ALL	2	NEW LAYOUT, BI-COLOUR & NICKEL PLATED ADDED	21 APR 2009	D.Roy		09/336
	3	HIGH INTENSITY ADDED. DCR 10-0015	21 APR 2010	TC/RA		MT

FLYING LEAD LENGTH FLxx (cm)

11 MAX

4.5 MAX

THREAD M5 x 0.5

1±0.2

NUT 6A/F

CRINKLE WASHER
ø7.5 MAX O.D

PANEL SEALING GASKET

PANEL SEALING TO MIL-L-3661
(PARA 4.7.11.1 WATERTIGHTNESS)

VIEWING APERTURE
(FLAT LENS)

6 A/F

ø7.5 MAX

ø3.5 TYP

END VIEW AS SEEN
WHEN MOUNTED IN CHASSIS

ORIENTATION OF SHROUD FLATS WITH RESPECT
TO TERMINATIONS NOT NECESSARILY AS SHOWN

_____ NOTE: WIRE & SLEEVE COLOUR _____

SINGLE LED COLOUR VARIANTS

+Ve RED WIRE, -Ve BLACK WIRE

+Ve BLACK SLEEVE, -Ve BLACK SLEEVE

BI-COLOUR LED VARIANTS

+Ve BLACK WIRE & -Ve BLACK WIRE

COLOUR CODED SLEEVE INDICATES EMITTING COLOUR +Ve

e.g. RED SLEEVE IS RED +Ve & GREEN SLEEVE IS GREEN +Ve

_____ MATERIALS _____

TERMINATIONS : COPPER ALLOY WIRE, PVDF INSULATION

LENS : GLASS

SEALING RING : VITON RUBBER

WASHER : Be. Cu. FINISH TIN

BODY : ALUMINIUM ALLOY, CLEAR (NICKEL PLATE OPTION)

NUT : ALUMINIUM ALLOY, CLEAR

SHROUD : ALUMINIUM ALLOY, BLACK ANODISED (MATT)

_____ MOUNTING DETAILS _____

MOUNTING HOLE ø5 ^{+0.1}0

SEALING SURFACE TO BE BURR FREE AND CLEAN

RECOMMENDED MOUNTING TORQUE 0.5Nm

CHASSIS THICKNESS 1 to 4mm

STANDARD ELECTRICAL/OPTICAL CHARACTERISTICS

	RED	YELLOW	GREEN
LUMINOUS INTENSITY (TYPICAL) at 20mA If (mcd)	50	40	50
MAXIMUM FORWARD CURRENT (mA)	30	20	30
FORWARD VOLTAGE (TYPICAL)	2.2	2.2	2.3
REVERSE BREAKDOWN VOLTAGE (MINIMUM)	5	5	5

HIGH INTENSITY ELECTRICAL/OPTICAL CHARACTERISTICS

	GREEN	YELLOW	AlGaS RED
LUMINOUS INTENSITY (TYPICAL) at 20mA If (mcd)	1250	1000	1200
MAXIMUM FORWARD CURRENT (mA)	35	30	30
FORWARD VOLTAGE (TYPICAL)	3.2	2.1	1.9
REVERSE BREAKDOWN VOLTAGE (MINIMUM)	5	5	5

OPERATING TEMPERATURE RANGE

-40°C to +100°C

_____ ORDERING INFORMATION (STANDARD) _____

WHEN ORDERING. PLEASE STATE TYPE NUMBER, SPECIFYING FLYING LEAD LENGTH & LED COLOUR REQUIRED:

e.g OXL/MIL50/FL30/RD

FLYING LEAD LENGTH IN cm
(i.e. FL30 = 300mm LEAD)

LED COLOUR REQUIRED (RD, YW or GN)
RED, YELLOW or GREEN

_____ ORDERING INFORMATION (HIGH INTENSITY) _____

FOR HIGH INTENSITY OPTION, PLEASE INCLUDE 'H' WITHIN TYPE No.

e.g OXL/MIL50/FL30/H/GN

INDICATES HIGH INTENSITY LED
(USE FOR GN - GREEN & YW - YELLOW)

e.g OXL/MIL50/FL30/AL

(FOR HIGH INTENSITY RED USE /AL - AlGaS RED)

_____ ORDERING INFORMATION (BI-COLOUR) _____

WHEN ORDERING. PLEASE STATE TYPE NUMBER, SPECIFYING FLYING LEAD LENGTH & BI-COLOUR LED REQUIRED:

e.g 2OXL/MIL50/FL30/RD/GN

FLYING LEAD LENGTH IN cm
(i.e. FL30 = 300mm LEAD)

LED BI-COLOURS REQUIRED (RD, YW or GN)
RED, YELLOW or GREEN

_____ ORDERING: NICKEL PLATED BODY _____

FOR NICKEL PLATED BODY OPTION, PLEASE INCLUDE 'NP' WITHIN TYPE No.

e.g OXL/MIL50/NP/FL30/RD

INDICATES NICKEL
PLATED BODY

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETRES
DECIMALS ± 0.1
ANGLES ± 0°30'
REMOVE BURRS AND SHARP EDGES
ALL DIMENSIONS AFTER PLATING

DRAWN

SIMON RUSSAM

CHECKED

TOM DAVIS

APPROVED

DA01/88

DATE

7 NOV 2000

TYPE No.

OXL/MIL50/FLxx/-

MATERIAL

AS STATED

FINISH

AS STATED

OXLEY DEVELOPMENTS COMPANY LTD. t. 44 (0)1229 582621
Priority Park, Ulverston, Cumbria, LA12 9QG. ENGLAND. f. 44 (0)1229 585090
www.oxleygroup.com

OXLEY

TITLE

SUB-MINIATURE LED INDICATOR LAMP,
(FLYING LEAD TERMINATIONS)

SIZE

A3

SCALE

5:1

WEIGHT

N/A

SHEET

1 OF 1

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