

FEATURES

- high brightness
high reliability
- rugged glass and metal construction
- sealed to IP 68
- 100% screening and burn-in
- military temperature range
- full range of colours including superbright AlGaAs red

APPROVALS

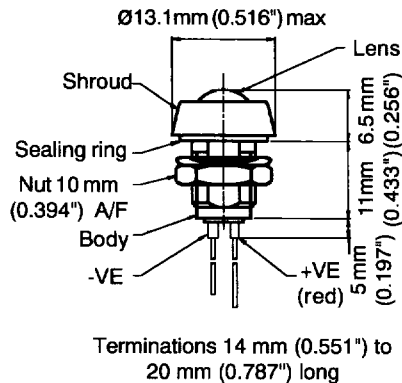
- DEF STAN 59-61/90/185
- DESC 87019
85122

APPLICATIONS

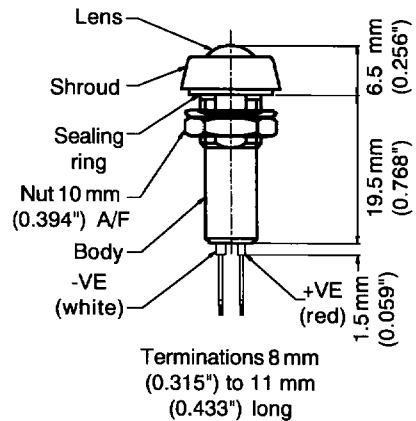
- military vehicles
- battlefield and tactical communications equipment
- safety critical industrial environments

OPTIONS

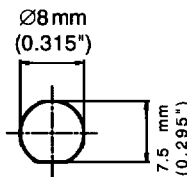
- electrostatic screen
- choice of terminations



PS/LH/8



STR/LH/8-



Mounting Hole Details
PS/LH/8 or STR/LH/8/-

OTHER OPTIONS	DATA SHEET REF
Sunlight Visible	ODC:SMEPD:40031/2
NVG Compatible	ODC:SMEPD:40032/2
Neon Light Source	ODC:SMEPD:40034/2
'Voltage' Lamp (Integral Resistor)	ODC:SMEPD:40163/2
Special Functions, Flashing etc.	ODC:SMEPD:40303/1
DESC Approved	ODC:SMEPD:40305/1
Bipolar Multichip	ODC:SMEPD:40312/1



MILITARY SEALED INDICATOR LAMPS - MIL80 RANGE TYPES PS/LH/8- AND STR/LH/8-

LUMINOUS INTENSITY Typical (mcd at 20 mA)

	AlGaAs RED	RED	YELLOW	GREEN
PS/LH/8 STR/LH/8	300	50	35	50
PS/LH/8/SB STR/LH/8/SB	1000	120	120	150

ELECTRICAL CHARACTERISTICS (all types)

	AlGaAs RED	RED	YELLOW	GREEN
Forward Current (mA) max/typ	30/20	20/20	20/20	30/20
Forward Voltage (V) typ	1.8	2.2	2.2	2.2
Reverse Voltage (V) max	5.0	5.0	5.0	5.0

ENVIRONMENTAL

Operating temperature : -40 to 85°C
Storage temperature : -55 to 100°C
Sealing : BS 2011 Pt 2.1 Qa, at 30 psi (equivalent to 20 m water) BS 5490 IP 68

MOUNTING DETAILS

Chassis thickness : 3.2 mm (0.126") max
Recommended mounting torque : 1 Nm (0.74 lbf ft)

MATERIALS

Body and nut : Aluminium alloy
Shroud : Aluminium alloy - black anodised
Washer : Beryllium copper alloy, tin plated
Sealing ring : PTFE
Lens : Glass
Terminations : Solderability to BS 2011 Test T

ORDERING INFORMATION

PS / LH / 8
STR generic range

PS - panel sealing
STR - panel and rear sealing

SES - electrostatic screen (STR only)
FLXX - flying leads length in cm e.g. FL30
LT - lamp test variant (STR only)

Please specify type no., colour and specification, e.g. STR/LH/8/SES red.

We also have capabilities to manufacture competitive custom products where quantities warrant. For further information please contact Technical Sales (01229) 582621.

COMPANY APPROVALS

NATO AQAP-1, MIL-Q-9858, ISO 9000, CECC, BS 9000, BS 9570 Pt. 1
MIL-I-45208

European and International Patents

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