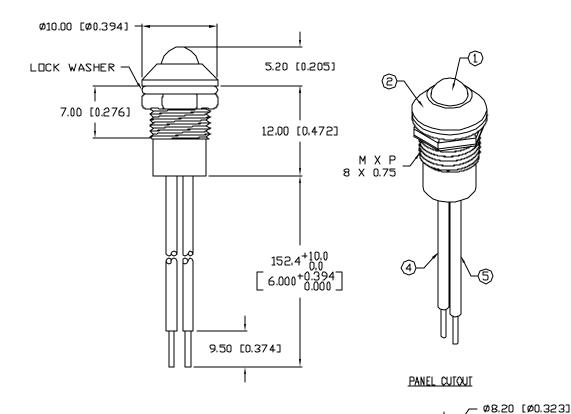
SSI-LXR3816SID-150



ELECTRO-OPTICAL CH	ARACTERIS	C	$I_f = 20mA$		
PARAMETER	MIN	ΤΥP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		63B		nm	_
FORWARD VOLTAGE		2.0	2.5	V_f	
REVERSE VOLTAGE	5.0			٧ _٢	I _r = 1 00μΑ
AXIAL INTENSITY		700		mcd	$I_f = 20mA$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

MAX	UNITS
150	mA
30	mA
100	mW
- 1.2	mW/°C
- 40 TO + 85	°C
	150 30 100 -1.2

* t<10µS

NOTES:

- 1. SSL-LX5093SID, RED LED, TRIM LEADS TO 4mm.
- 2. SSI-LXR3816, CHROME HOUSING.
- 3. SSH-LXH4815BSG, BUSHING (NOT SHOWN). INSERT AND CRIMP.
- ANODE LEAD: LXP-WST24RDTOC, 24 AWG, TINNED OVERCOAT, RED INSULATION. CUT 160mm LONG, STRIP BOTH ENDS 3mm & 9.5mm.
- CATHODE LEAD: LXP-WST24BLTOC, 24 AWG., TINNED OVERCOAT, BLACK INSULATION. CUT 160mm LONG. STRIP BOTH ENDS 3mm & 9.5mm.
- 6. CRIMP WIRES TO LED LEADS.

UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECINAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +0.000 MAX.= +0.000 MAX.=

PART NUMBER
SSI-LXR3816SID-150

T-5mm 636nm AllnGaP RED LED PANEL INDICATOR,
RED DIFFUSED LENS, 6.0" WIRE LEADS.

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RELIABLITY NOTE
OUR NAMY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT
SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE.
PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



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BC					SCALE:	N/A	