

T-41-05

C86052E

New Products
Division

InGaAsP Injection Laser

DEVELOPMENTAL TYPE

1550 NM — WIDE PULSE WIDTH OPERATION
INDIUM GALLIUM ARSENIDE PHOSPHIDE
INJECTION LASER WITH SINGLE MODE FIBER
OPTIC OUTPUT CABLE

CHARACTERISTICS AT 27 C

	MIN	TYP.	MAX	UNITS
Electrical				
Minimum Total Peak Radiant Flux @If=2.0A, Du=1%, tw=1.0us	4.0			mW
Peak Forward Current, Ifm			2.0	A
Forward Voltage Drop, Vf		2.0		V
Switching Characteristics				
Rise Time of Emitted Pulse		<1.0		ns
Wavelength of Peak Radiant Intensity		1550		nm
Core Diameter		8		um

8/22/85