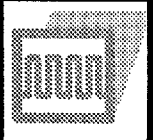


Digital Receiver OC-192/STM-64

[查询"2860A"供应商](#)



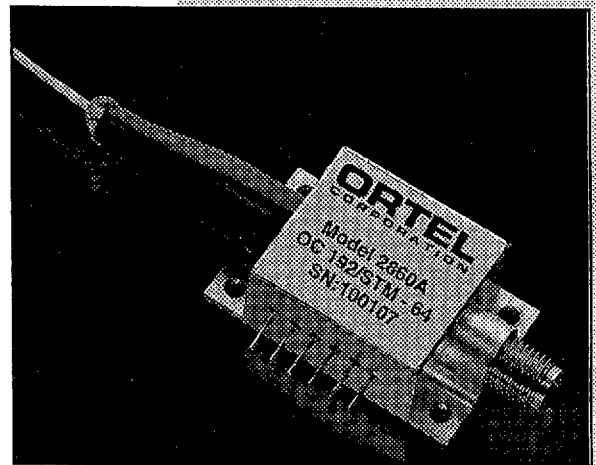
PIN/Preamplifier
Model # 2860A

.....
The 2860A receiver module incorporates a high-speed PIN diode with a GaAs HBT preamplifier to give the best 10 Gb/s sensitivity available in a PIN-based receiver. The unit provides excellent dynamic range with high bandwidth to meet all requirements for high-speed digital systems.

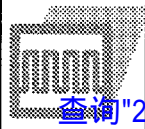
D A T A S H E E T

Features:

- High Sensitivity:
-20 dBm typical
- High Dynamic Range:
>0 dBm Overload
- OC-192/STM-64
Applications
- ISO 9001 Certified



6817895 0000880 626



Digital Receiver OC-192/STM-64

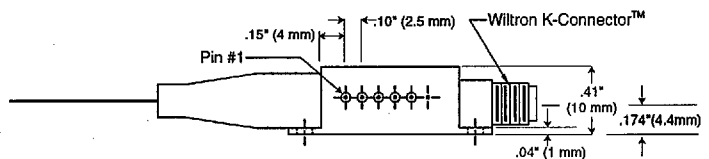
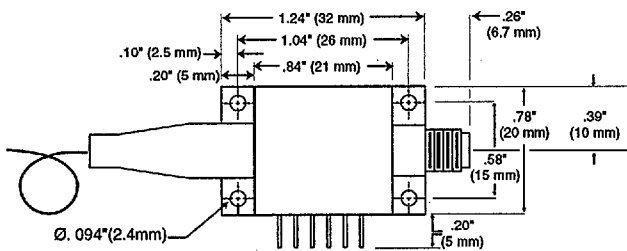
查询"2860A"供应商

PRELIMINARY

Specifications (0°C to 65°C)						
Optical Parameter	Sym	Condition	Min	Typ	Max	Units
Optical Input Power	P _i	-	-	-	0	dbm
Wavelength	λ	-	1280	-	1580	nm
Sensitivity (BER 10 ⁻⁹ , 2 ^{23:1} , 9.95 Gb/s)	P _s	1550 nm, 8 dB Ext. Ratio	-18	20	-	dBm
Optical Return Loss	-	-	40	-	-	dB
Electrical Parameters						
High Frequency Cutoff	F _h	-	7	8	-	GHz
Low Frequency Cutoff	F _l	-	-	-	500	kHz
Transimpedance	TZ	-	700	-	-	Ω
Output Return Loss, 50Ω	S ₂₂	500 kHz - 10 Ghz	10	-	-	dB
Supply Voltages	V _{cc}	100 mA	4.75	-	5.25	V
	V _{ee}	100 mA	-5.25	-	-4.75	V
	V _{pd}	2 mA	-5.25	-	-4.75	V
Maximum Ratings						
Input Optical Power	P _{max}	-	-	-	3	mW
Supply Voltages	-	Nom +5V	-	-	6	V
	-	Nom -5V	-	-	-6	V
Storage /Operating Temperatures	-	-	-20	-	85	°C

Pin Assignment

Pin #	Function	Pin #	Function	Pin #	Function
1	NC	3	-5V	5	+5V
2	NC	4	VPD	6	Ground



Information contained herein is deemed to be reliable and accurate as of issue date. No responsibility is assumed for its use, nor for any infringements on the rights of others. Ortel Corporation reserves the right to change the design or specifications of the product at any time without notice. Ortel Corporation offers the products described herein with a one year warranty on material and workmanship. Ortel Corporation will repair or replace any product or part thereof which proves defective within one year of shipment. For a complete copy of our warranty policy, please contact Ortel Corporation.

Corporate Headquarters

Ortel Corporation
 2015 West Chestnut Street
 Alhambra, California USA 91803
 (800) 362-3891 (626) 281-3636
 Fax (626) 281-8231
 email: mtkge-a@ortel.com
 website: http://www.ortel.com
 ISO 9001 Certified



Subsidiaries

Germany
 Ortel VERTRIEBS GmbH
 49-89-3790-720
 Fax 49-89-3790-7249
France, Belgium & The Netherlands
 Ortel SARL
 33 -1- 69-32-11-27
 Fax 33-1- 69-32-11-37

Spain, Portugal & Southern France
 Ortel SARL
 33-4-67-32-91-16
 Fax 33-4-67-32-91-30