

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[TE Connectivity AMP Connectors](#)
[269046-3](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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LOC	DIST	REVISIONS					
DR	1	P	LTR	DESCRIPTION	DATE	DWN	APVD
		D	EC-0A20-0136-00		17AUG00	TJ	AG

SPECIFICATION AT -5 VOLTS, 23±3°C UNLESS OTHERWISE NOTED

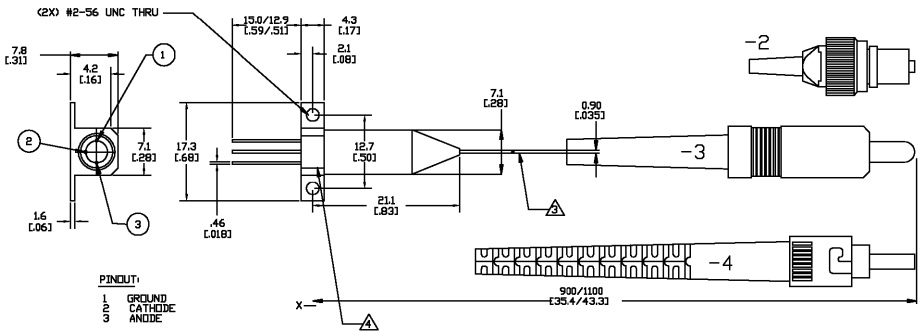
PARAMETER	SYMBOL	TEST CONDITIONS	MIN.	TYP.	MAX.	UNIT
RESPONSIVITY	R	1300nm SM LASER SOURCE 100µW (-10dBm), -40 TO +85°C	.75	.86	---	A/W
DARK CURRENT	I_D	---	---	1.5	5	nA
CAPACITANCE	C	F=1 MHz	---	0.9	1.1	pF
SPECTRAL RESPONSE	---	---	1150	---	1600	nm
BREAKDOWN VOLTAGE	V_B	$I_D = 10µA$	-30	-60	---	V
RISE/FALL TIME	T_{RF}	---	---	---	1	ns
FREQUENCY RESPONSE	---	---	---	2.0	---	GHz

ABSOLUTE MAXIMUM RATINGS

PARAMETER	SYMBOL	MIN	MAX	UNITS
OPERATING TEMPERATURE	T_D	-40	85	-C
STORAGE TEMPERATURE	T_S	-40	85	-C
REVERSE CURRENT	I_R	---	1	mA
FIBER PULLOUT STRENGTH	---	---	10	N

NOTES:

- 1 - DEVICE LEADS ARE ON A 2.54 (100) DIAMETER BASE CIRCLE.
- 2 - ESD PRECAUTIONS MUST BE EXERCISED WHEN HANDLING THIS COMPONENT.
- 3 - 50/125µm MULTIMODE FIBER.
- 4 - PART NUMBER MARKED HERE.
- ST IS A TRADEMARK OF AT&T.
- TERMINATION:
 FC USES SEIKO SAP-5 HOUSING
 SC USES AMP 502883-1
 ST USES AMP 502380-5



PINOUT:
 1 GROUND
 2 CATHODE
 3 ANODE

ST	269046-4
SC	269046-3
FC	269046-2
UNTERMINATED	269046-1
TERMINATION	
DESCRIPTION	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	T. JAMES	17AUG00
DIMENSIONS: MM [INCH]		CHK	A. GLASS	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	P. MALARCHER	
0 PLC ±		NAME		
1 PLC ±		AMP Incorporated		
2 PLC ±		Harrisburg, PA 17105-3608		
3 PLC ±		PRODUCT SPEC		
4 PLC ±		108-55009		
ANGLES ±		APPLICATION SPEC		
FINISH		SIZE		
-		A3		
MATERIAL		CAGE CODE		
-		00779		
		DRAWING NO		
		C=269046		
		RESTRICTED TO		
		-		
		CUSTOMER DRAWING		
		SCALE		
		1:1		
		SHEET		
		1 OF 1		
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