

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

.19

© COPYRIGHT 19

BY AMP INCORPORATED. ALL RIGHTS RESERVED.

LOC
DR

DIST
1

REVISIONS

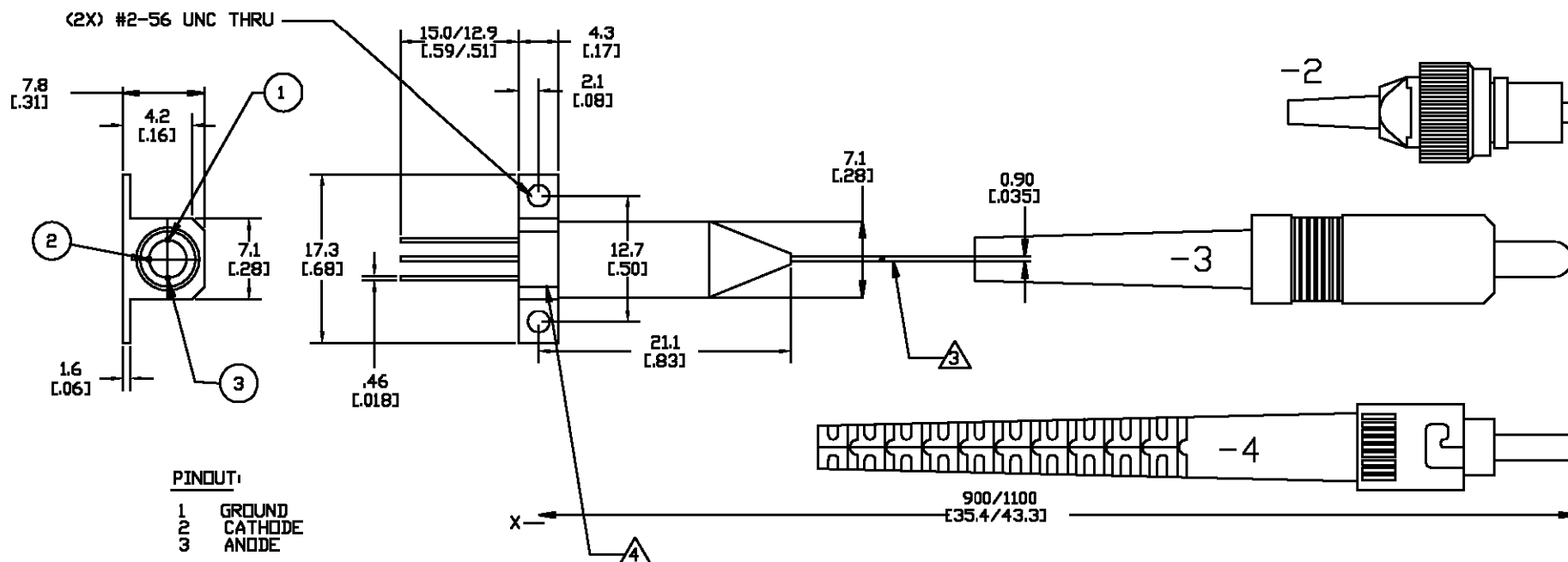
P	LTR	DESCRIPTION	DATE	DWN	APVD
	D	EC-0A20-0136-00	17AUG00	TJ	AG

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 [0.100] DIAMETER BASE CIRCLE.
- 2 - ESD PRECAUTIONS MUST BE EXERCISED WHEN HANDLING THIS COMPONENT.
- 3 - 50/125µm MULTIMODE FIBER
- 4 - PART NUMBER MARKED HERE.
- 5 - ST IS A TRADEMARK OF AT&T.
- 6 - TERMINATION
FC USES SEIKO SAP-5 HOUSING
SC USES AMP 502883-1
ST USES AMP 502380-5

ST	269046-4
SC	269046-3
FC	269046-2
UNTERMINATED	269046-1
TERMINATION	6
DESCRIPTION	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN T. JAMES	17AUG00	AMP AMP Incorporated Harrisburg, PA 17105-3608 MULTIMODE 75 µm PIGTAILED PIN			
DIMENSIONS: MM [INCH]		CHK A GLASS	-			NAME P. MALARCHER	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD P. MALARCHER	-			PRODUCT SPEC 108-55009	
0 PLC ±- 1 PLC ±- 2 PLC ±- 3 PLC ±- 4 PLC ±- ANGLES ±-		APPLICATION SPEC	-			DRAWING NO	
MATERIAL		FINISH	-	WEIGHT	-		
		CUSTOMER DRAWING		SIZE A3	CAGE CODE 00779		
				DRAWING NO C=269046	RESTRICTED TO		
				SCALE 1:1	SHEET 1 OF 1		
				REV G			