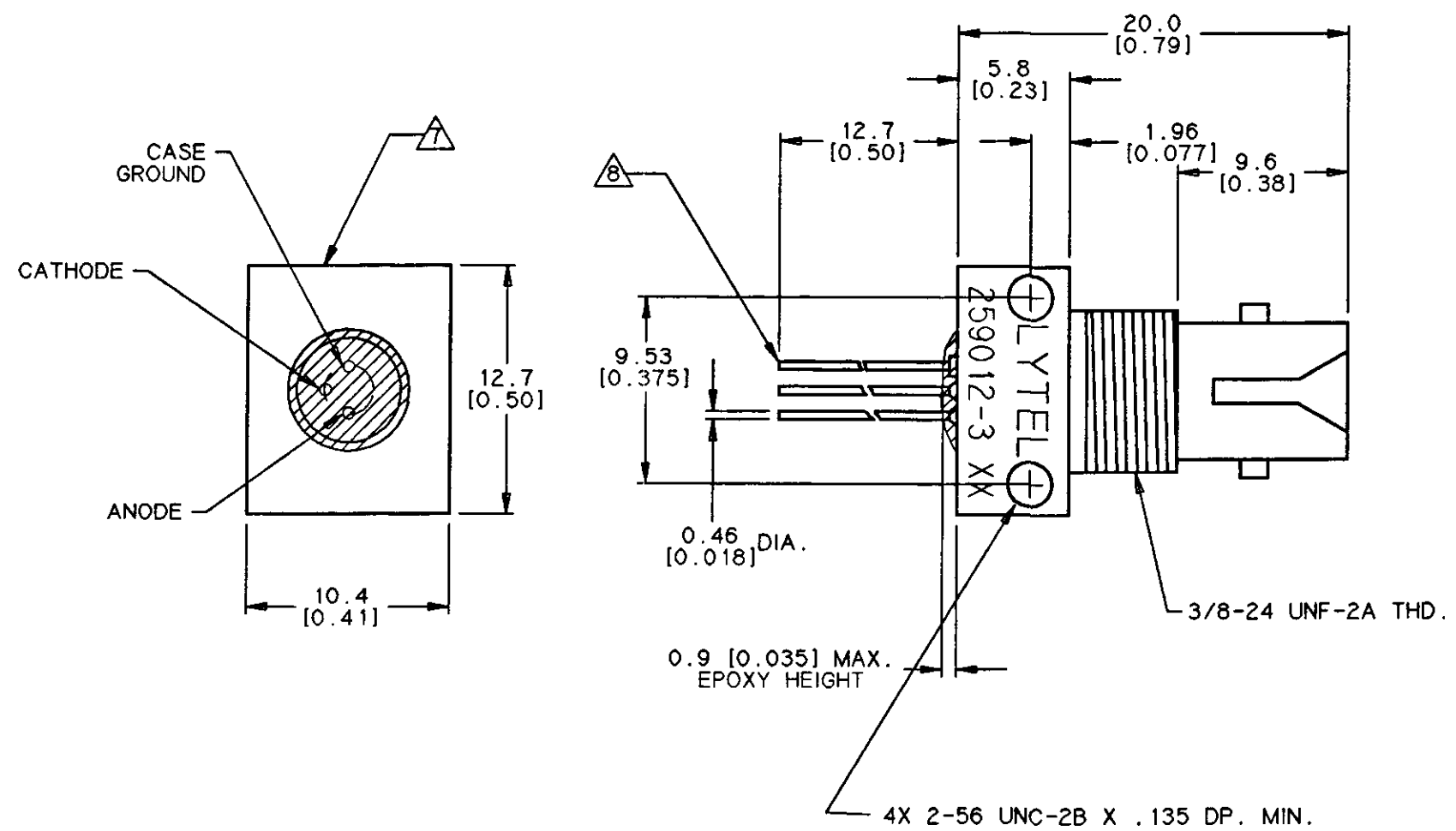


LOC		DIST		REVISIONS				
DR		01		P	LTR	DESCRIPTION	DATE	DWN
				O		ORIGINAL RELEASE	-	-



NOTES:

1. DEVICE LEADS ARE ON 2.54 [0.100] DIA. BASE CIRCLE.
2. XX IS A DATE CODE.
3. DIMENSION IN [] ARE IN INCHES.
4. ESD PRECAUTIONS MUST BE EXERCISED WHEN HANDLING COMPONENT.
5. SUPPLIED WITH PANEL NUT AND LOCKWASHER, TWO STAINLESS STEEL SCREWS AND PROTECTIVE CAP (NOT SHOWN).

6. REFER TO ATTACHED CHART. AT 5°C, 25°C AND 60°C THE MEASURED SPECTRAL WIDTH AT THE MEASURED CENTER WAVELENGTH FALLS BELOW THE CURVES OF THE MEASURED RISE AND FALL TIMES.
7. RECEPTACLE MATERIAL IS NICKEL PLATED ZINC.
8. LEAD MATERIAL IS GOLD PLATED KOVAR.

THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN. T. GARCIA 24-JUN-96		AMP Incorporated Harrisburg, PA 17105-3608	
DIMENSIONS: mm [inches]		TOLERANCES UNLESS OTHERWISE SPECIFIED: 1 PLC. DEC. ±0.25 [0.010] 2 PLC. DEC. ±0.13 [0.005] ANGLES ±0.5 DEG.		NAME 2.5mm BAYONET BOARD MOUNT LED (FDDI)	
MATERIAL:		FINISH:		SIZE A3	
				CAGE CODE -	
				DRAWING NO. ©=2590 12-3	
				RESTRICTED TO -	
				SCALE: 5:1	
				SHEET 1 OF 2	
				REV. 0	

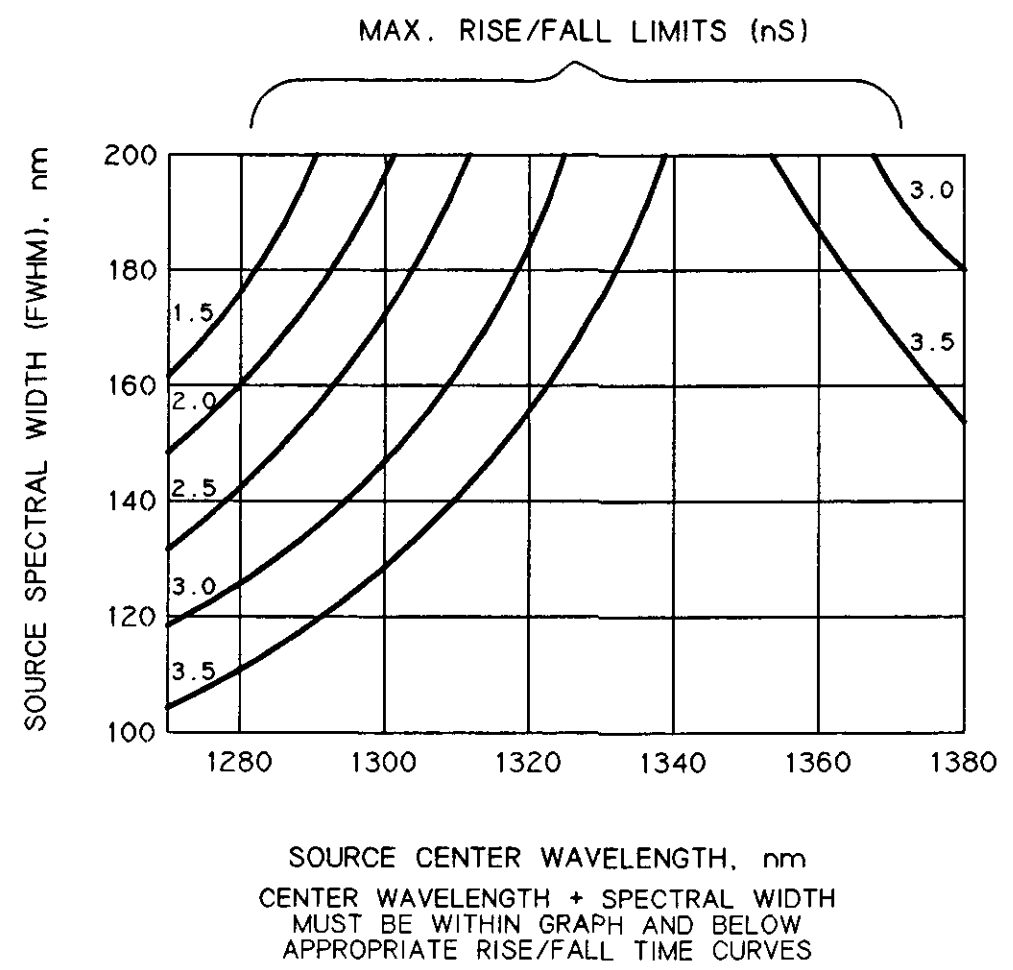
LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
DR	01			ORIGINAL RELEASE	-	-

SPECIFICATIONS AT 100 mA PEAK CURRENT, 12.5MHz SQUARE WAVE 50% DUTY CYCLE, 23±3% UNLESS NOTED OTHERWISE:

PARAMETER	SYMBOL	TEST CONDITIONS	MIN	TYP	MAX	UNITS
LAUNCHED POWER	P ₀	62.5/125 FIBER	15	-	30	uW
6 CENTER WAVELENGTH	λ _c	-	1270	-	1380	nm
6 SPECTRAL WIDTH	Δλ	-	-	-	200	nm
FORWARD VOLTAGE	V _F	-	-	1.4	1.7	V
LEAKAGE CURRENT	I _L	V = -2V	-	-	2	uA
CAPACITANCE	C	V = 0V, f=1MHz	-	15	50	pF
6 RISE/FALL TIME	τ _{RF}	-	1.00	-	2.75	ns

ABSOLUTE MAXIMUM RATINGS

OPERATING TEMPERATURE	T _O	-	5	-	60	C
STORAGE TEMPERATURE	T _S	-	-40	-	85	C
REVERSE VOLTAGE	V _R	-	-	-	2	V
FORWARD CURRENT	I _F	-	-	-	150	mA



2590 12-3
PART No.

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DIMENSIONS: mm [inches]		TOLERANCES UNLESS OTHERWISE SPECIFIED: 1 PLC. DEC. ±0.25 [.010] 2 PLC. DEC. ±0.13 [.005] ANGLES ±0.5 DEG.		NAME	
		MATERIAL:		PRODUCT SPEC. 108-55008	
FINISH:		WEIGHT:		APPLICATION SPEC.	
		CUSTOMER DRAWING		SIZE CAGE CODE DRAWING NO. A3 - ©=2590 12-3	
				RESTRICTED TO 4641DC	
				SCALE: NTS SHEET 2 OF 2 REV. 0	