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

SPECIFICATIONS AT 100 mA FORWARD CURRENT, 25°C

PARAMETER	SYMBOL	TEST CONDITIONS	MIN	TYP	MAX	UNITS
LAUNCHED POWER	P_D	50/125 FIBER 62.5/125 FIBER	10 30	20 45	-	μ W μ W
CENTER WAVELENGTH	λ_c	-	1290	-	1350	nm
SPECTRAL WIDTH	$\Delta\lambda$	-	-	-	170	nm
FORWARD VOLTAGE	V_F	-	-	1.4	1.7	V
LEAKAGE CURRENT	I_L	$V = -2V$	-	-	2	μ A
CAPACITANCE	C	$V = 0V, f=1MHz$	-	15	50	pF
RISE/FALL TIME	T_{RF}	-	-	2.5	4	ns

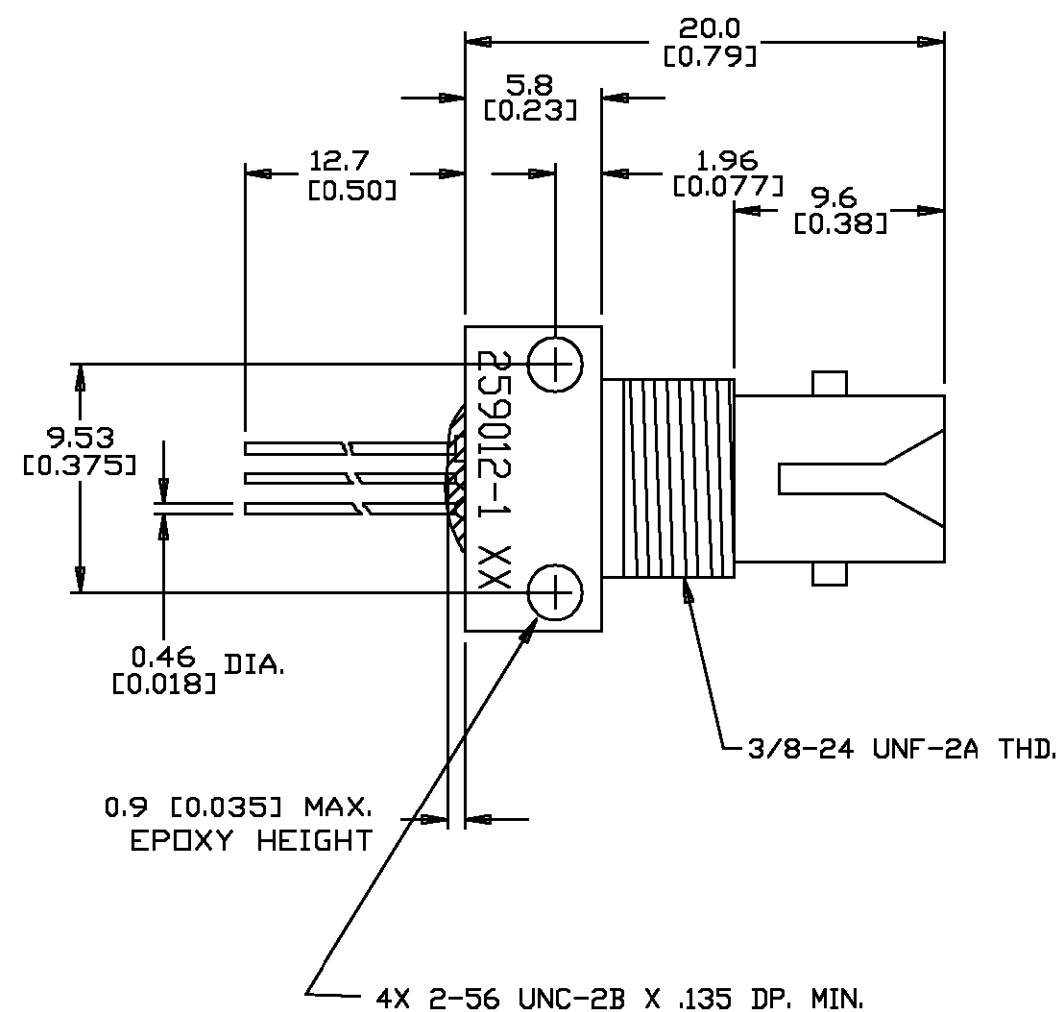
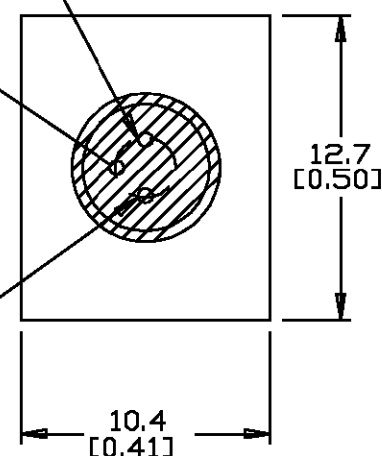
ABSOLUTE MAXIMUM RATINGS

OPERATING TEMPERATURE	T_D	-	-40	-	85	C
STORAGE TEMPERATURE	T_S	-	-40	-	125	C
REVERSE VOLTAGE	V_R	-	-	-	2	V
FORWARD CURRENT	I_F	-	-	-	150	mA

CASE
GROUND

CATHODE

ANODE



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)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN T. JAMES	17AUG00	AMP AMP Incorporated Harrisburg, PA 17105-3608	
DIMENSIONS: MM [INCH]		CHK A GLASS	-		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD P. MALARCHER	-	NAME 2.5mm BAYONET BOARD MOUNT LED (STANDARD)	
0 PLC ± -		PRODUCT SPEC 108-55008	-	SIZE A3	
1 PLC ± -		APPLICATION SPEC	-	CAGE CODE 00779	
2 PLC ± -		WEIGHT	-	DRAWING NO C-259012-1	
3 PLC ± -		CUSTOMER DRAWING	-	RESTRICTED TO	
4 PLC ± -				SCALE 1:1	
ANGLES ± -				SHEET 1 OF 1	
FINISH				REV K	