



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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NOTES:

1. ROHS COMPLIANT
2. MATERIALS:
 FIBER OPTIC: \varnothing 1.5MM OPTICAL CORE, \varnothing 2.2MM POLYETHYLENE CABLE JACKET
 LENS MOUNT: OPTICAL GRADE ACRYLIC
 LED MOUNTS: FOR SMD 22 & THR 22 - NYLON 66, UL RATING 94-V2
 FOR THR 5 22 - NYLON 66, UL RATING 94-HB
 LENS: POLYCARBONATE, UL RATING 94-V2
 LENS SPACER: POLYPROPYLENE
3. OPTICAL CORE ENDS POLISHED TO 10 MICRONS
4. PANEL MOUNTING HOLE: $.171" \pm .002$ ($4.34\text{mm} \pm 0.05$) ON $1/4"$ (6.35mm) CENTERS
5. PANEL THICKNESS FOR SML 190: $1/32"$ (0.79mm) TO $1/16"$ (1.60mm);
 SMB 200 AND SMQ 250: $1/16"$ (1.60mm) TO $1/8"$ (3.48mm)
6. FOR ADDED SECURITY FOR SMB 200 AND SMQ 250 USE SPC 040 SPACER
7. FOR BEST RESULTS USE ONLY NARROW VIEWING ANGLE NON-DIFFUSED LEDS WITH OUTPUT POWER GREATER THAN 100mcd
8. U.S. AND FOREIGN PATENTS ISSUED

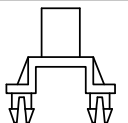
LITE PIPE ASSEMBLY
ORDERING CODE (EXAMPLE): FLX3 XX

LENGTH	
LENGTH CODE	ACTUAL LENGTH
02	2.0"
04	4.0"
06	6.0"
08	8.0"
12	12.0"

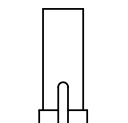
CUSTOM LENGTHS AVAILABLE UPON REQUEST

REVISIONS					
ECN #	REV.	DESCRIPTION	DATE	INITIALS	CHKD
-	001	INITIAL RELEASE	2/4/10	KH	AZ
-	002	MOD TO NOTE 4&5; CHG \varnothing .059 TO \varnothing .039	7/20/10	KH	AZ
-	003	REVISED PER ECR 092810AA01	10/4/10	KH	AZ
397	004	REVISED PER ECR 011812KH01	1/19/12	KH	AZ


MOUNTING OPTIONS (ORDER SEPARATELY)



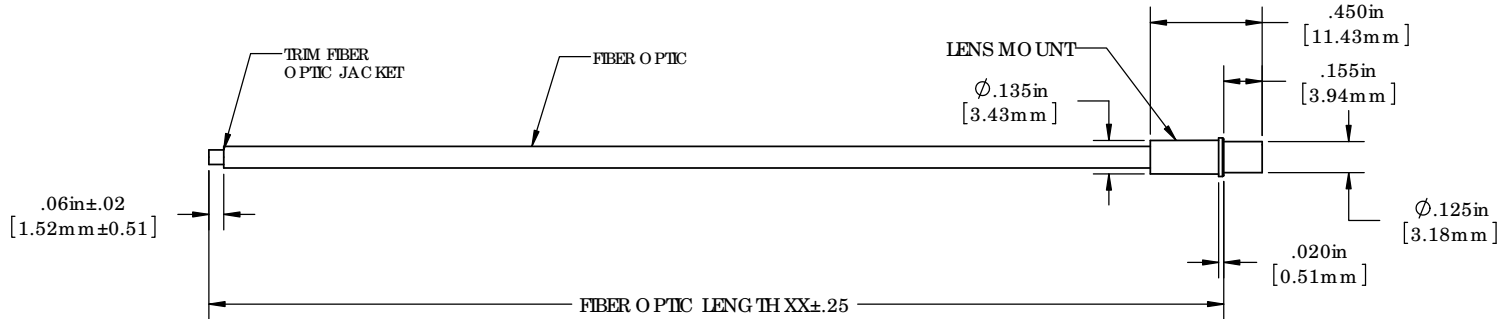
SMD 22



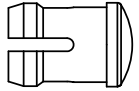
THR 22



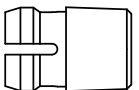
THR 5 22



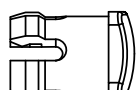
LENS (ORDER SEPARATELY)




SMB 200



SML 190



SMQ 250

<small>DIMENSION STYLE: INCHES (MM) GENERAL TOLERANCES UNLESS OTHERWISE SPECIFIED:</small> INCHES: MM X ±.020 ±.508 XX ±.010 ±.254 XXX ±.005 ±.127 ANGLE: 1° CHECK ALL CORNERS AND SHARP EDGES 20 R MAX. THIRD ANGLE PROJECTION PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF VISUAL COMMUNICATIONS COMPANY, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF VISUAL COMMUNICATIONS COMPANY, INC IS PROHIBITED.	APPROVAL DRAWN: KHOWARD CHECKED: AZANELLI	DATE 2/4/10 2/10/10	 VCC OPTOELECTRONICS 190 BOSSIC KBLVD, SUITE 101 SAN MARCOS, CA 92069 U.S.A. PHONE: (760) 560-1300, FAX: (760) 560-1301 EMAIL: vcc@vccinc.com
	MATERIAL SEE NOTES	TITLE: 3MM FLEXFIRE FLEXIBLE LITEPIPE	
FINISH SEE NOTES	SIZE B	DWG. NO. FLX3 XX	REV 004
DO NOT SCALE DRAWING		SCALE: 2:1	SHEET 1 OF 2