

1.5umÄ2+1Äx1 #%%#& ' 8 • ~

× ñ ýF

Ä2+1 Äx1 J Q#%#-&' 8 • ~ CL AiAÑ+X • Ä+X ¼Q ï)· y4Ô%ð y ~, y4Ô n W ~N¶ , 6 2 D J Q#%#- y ¼1 D ' y 8 @F • ... i ü 5 r y4Ô, ' yC 4Ô8B , #%%#- yC 5 r, ï)à#%#- y ¼ ' y X < 0 i y4Ô] PEÄ Ä#%#- x)·Q , ••6G ~, ...7ò ï)·Q Ei 300W,W7-0c Ê M• Ä

#ÄAz°	-•D)g†&à
~ ••6G	y4Ô%ð y ~
í# K⁻93 \$/ Q ⁻ ï)·	y4Ô n W ~
Q 0c Ê W ¼ M• W	y -FJ

× ñ 7 7

ò	... }	l
5 '2« »	-	Ä2+1 Äx1
'# K⁻93 \$	nm	1530- 1575
#%#-# K⁻93 \$	nm	780- 1000
#%#- y4Ô2« »	-	105/125umNA0.22
'EÄ • y4Ô2« »	-	9/125um,NA0.12/0.46
EÄ * y4Ô2« »	-	9/125um,NA0.12/0.46
' ••6G Ä 0 W I Ä	dB	0.5
#%#- x)· Ä 0 ? I Ä	%	90
...7òEÄ • ï)·	W	50
M	-	Ø1.3
LÄ/ë Ö	dB	20
y4ÔK⁻ Ö	m	0.8 F ³
1>ð j (mm	P2:65x12x7 ÈP3:80x12x8
œ\$Y Ö		0~+75
Ø ` \$Y Ö		- 40~+85

#(\$Y)B ³ X 25 x = < ï)·F9+X, ' 1>ð j (= 0 g È § f?ð IB'6,,3+ A .žAÖ Ä

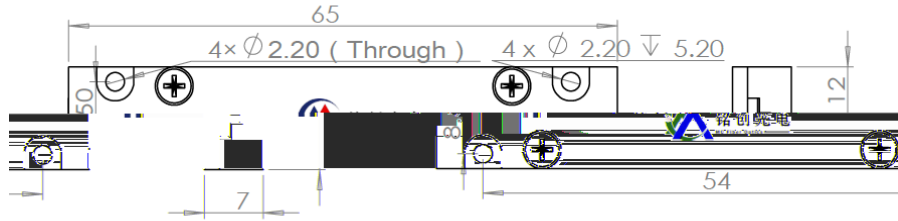
h?ð 7 7

2« »	'# K⁻ (nm)	#%#- y4Ô	'EÄ • y4Ô	EÄ * y4Ô	' • (max)	#%#- x)· (min)	...7ò ï)· Ämax Ä
(2+1)x1	1530-1575	105/125 0.22	SMF28e	SMGDF1550	0.5dB	90%	50W
(2+1)x1	1530-1575	105/125 0.22	SMGDF1550	SMGDF1550	0.5dB	90%	50W
(2+1)x1	1530-1575	105/125 0.22	12/130umNA0.20/0.46	12/130umNA0.20/0.46	0.5dB	90%	50W
(2+1)x1	1530-1575	105/125 0.22	12/130umNA0.20/0.46	25/300umNA0.09/0.46	0.5dB	95%	100W

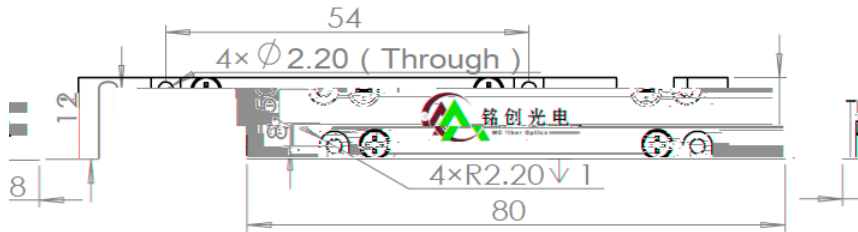
* | ³ 7 7?±"r ¼Q ï)· ' & • v x ² 9(©!°?±"r È (© [* Ä

1>ð j (

1>ð j (P1	P2	P3	P4
mm	50x5x5	65x12x7	80x12x8	100x15x10



P2



P3

F9 » Ƴ

	ÄN+1 Äx1	é A	'# K	#%#-# K7#%- Ì)-	#%#- y4Ô	'EÄ • y4Ô	EÄ * y4Ô
MCP SC	11-(1+1)x1	F-! A	1550-1550nm	915/25-915nm 25W	105/125/ 22	S2-SMF28e	12/130/20D
	21-(2+1)x1	B- ý A	S- !³	980/50-980nm 50W	- 105/125um	S15DSMGDF1550	- 12/130um
		?		S- !³	NA0.22	12/130/20D 12/130um	NA0.20/0.4
	y4ÔK Ö	1>ö2« »			S- !³	NA0.20/0.46	6
	08-0.8m	1- P1				S- § f y4Ô2« »	S- § f y4Ô
	10-10m	2- P2				2« »	
	S- !³	3- P3					

F9 » ö63 MCPS04-F-1550-976/25-105/125/22-S2-S15D10-2

(2+1)x1 #%-&' 8 • ~, } A#%#-, '# K 1550nm#%-# K 976nm ...7ò#%- Ì)-. 25W#%- y4Ô105/125um
 NA0.22, 'EÄ • y4Ô SMF28e, EÄ * y4Ô SMGDF1550 y4ÔK Ö 1 2£, 1>ö j(65X12X7mm Ä
 ²M0?± ¶ @ B 4ö ŸB > A K0 ^ ê ^6,3+ È A 9 +‰ 7 7 AÔ6<=N´ xFJ., ´ s Y Ä