

Fiber coupler and collimator

18-01000



Features and Advantages

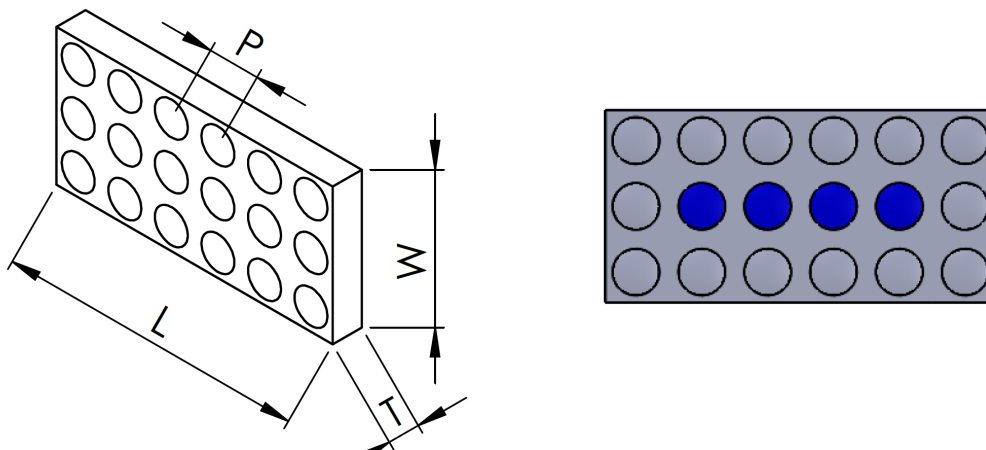
Precision etched microlens array for fiber optic collimation and refocusing applications. Low pointing error and minimal optical phase front distortions enabled by wafer-level manufacturing."

* Product picture & drawing only for reference.

Product Specifications

Specification Data	Unit	Value
Material		Fused Silica
Length (L)	mm	4.3 ± 0.05
Width (W)	mm	2.05 ± 0.05
Center thickness (T)	mm	1 ± 0.01
Optical effective area	mm	φ0.420
Lens radius of curvature	mm	0.575
ROC tolerance within lens array	%	3
ROC tolerance between parts	%	3
Conic constant		-0.5
Pitch (P)	mm	0.750
Design wavelength	nm	1550
Reflectivity	%	< 0.3
Effective focal length (EFL)	mm	1.29
Working distance (WD)	mm	0.600
Product description		FS_Sph_1x4_P0.75_R0.575_t1_1_001

Product Drawing (mm)



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