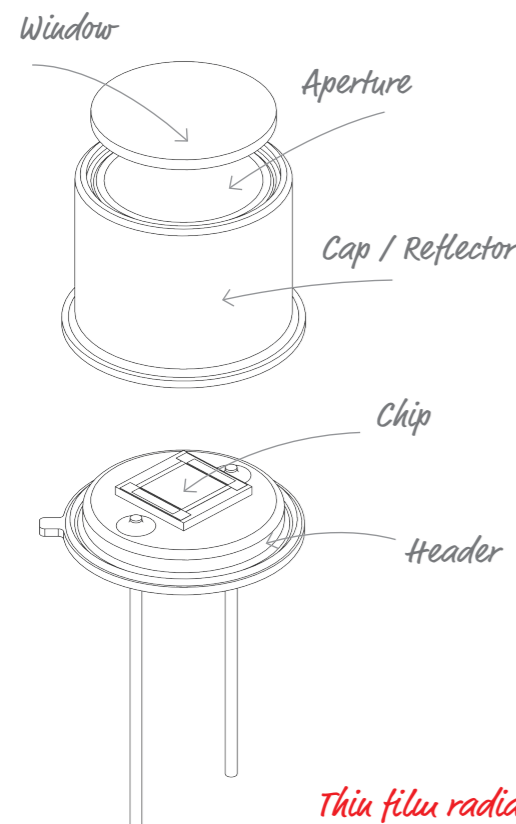


## Micro-Hybrid Numerical code

### Thin film radiation sources

With this numerical code you can easily choose the right combination of source parts according to your applications demands.

➤ For Example  
JSIR350-4-AL-C-D5.8-0-0



Thin film radiation source

JSIRAAA-

JSIR350-4-...  
Thin film radiation source

B-

JSIR350-4-...

**Chip**

4 – Supreme chip active area square 2.2 x 2.2 mm<sup>2</sup>

5 – Supreme chip active area square 0.8 x 0.65 mm<sup>2</sup>

JSIR450-... no chip

CC-

JSIR350-4-AL-C-D5.8-0-0

**Header**

AL – T039

BL – T046

CB – SMD housing (for chip 4)

CS – SMD housing (for chip 5)

D-

JSIR350-4-AL-C-D5.8-0-0

**Cap**

0 – None

C – Cap

R – Reflector

EEE-

JSIR350-4-AL-C-D5.8-0-0

**Aperture**

S5.0 – Square 5 x 5 mm<sup>2</sup> (only with body CB)

S2.8 – Square 2.8 x 2.8 mm<sup>2</sup> (only with body CS)

D2.4 – Diameter 2.4 mm (in combination with body BL)

D3.7 – Diameter 3.7 mm (only body AL)

D5.8 – Diameter 5.8 mm (only body AL)

D6.0 – Diameter 6 mm (only with reflector)

F-

JSIR350-4-AL-C-D5.8-0-0

**Filling gas**

Kr – Krypton

N<sub>2</sub> – Nitrogen

Other filling gases on customers request.

GG

JSIR350-4-AL-C-D5.8-0-0

**Window**

0 – None

A1 – Sapphire

A2 – Calcium fluoride

A3 – Germanium

A4 – Barium fluoride

A5 – Silicone ARC 2 – 12 μm

A6 – Silicium 3 – 7 μm

More information and filters see filter application note.

III

**Hermetic Seal**

I – Hermetically sealed by soldered window (Only with cap and filter A1, A3, A5, A6)  
Unspecified; Window glued to cap



### IR sources product range

Type	Function principle	Active area [mm <sup>2</sup> ]	Cut off freq. [Hz]	Housing	Design	Window/Filter	Filling gas
JSIR350-4-AL-C-D5.8	Thin film	2.2 x 2.2	8	T0 39	cap	available	available
JSIR350-4-AL-R-D6.0	Thin film	2.2 x 2.2	8	T0 39	reflector	available	available
JSIR350-4-CB-0-S5.0	Thin film	2.2 x 2.2	8	SMD	open	on request	none
JSIR350-5-BL-C-D2.55	Thin film	0.65 x 0.8	9	T0 46	cap	available	available
JSIR350-5-BL-R-D3.6	Thin film	0.65 x 0.8	9	T0 46	reflector	available	available
JSIR350-5-CS-0-S2.8	Thin film	0.65 x 0.8	9	SMD	open	on request	none
JSIR450-AL-C-D3.7	Spiral wound	2.2 dia	0.3	T0 39	cap	available	available
JSIR450-AL-R-D6.0	Spiral wound	2.2 dia	0.3	T0 39	reflector	available	available

For more information contact our sales team by Email to [infrared@micro-hybrid.de](mailto:infrared@micro-hybrid.de) or call +49 36601 592-0