

HiPer 13.5V 16W

Product basic information

CHARACTERISTICS	VALUE
Product type	HiPer
Product type number	12084
Rated voltage	13.5V
Rated wattage	16W
Base/Cap	HPSL 2A
Net weight	3.100 g
Product hierarchy without factory	B17021504

Additional product information

PARAMETER	SC	DESCRIPTION	COMMENT / INSTRUCTION
Aging		15 min - 15V	

Regulations

PARAMETER	SC	DESCRIPTION	COMMENT / INSTRUCTION
INMETRO		INMETRO	

Photometry - General/ECE

PARAMETER	SC	VALUE	TOL	COMMENT / INSTRUCTION
Stable time		1 min	-	

Lifetime - General/ECE

PARAMETER	SC	VALUE	TOL	COMMENT / INSTRUCTION
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Color - General/ECE

PARAMETER	SC	VALUE	TOL	COMMENT / INSTRUCTION
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Limits - DOT

PARAMETER	SC	VALUE	TOL	COMMENT / INSTRUCTION
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Limits - General/ECE

PARAMETER	SC	VALUE	TOL	COMMENT / INSTRUCTION
Max. operating temp. of BCN		- °C	-	
Max. operating temp. of tube		- °C	-	

Type Test

PARAMETER	SC	DESCRIPTION	COMMENT / INSTRUCTION
Lifetime test		120 h min.	Essai Type (b50)
Vibration test		IEC 60810 - B3	Power before: 10 % max;; Flux before: 10% max

Validation tests


PARAMETER	SC	DESCRIPTION	COMMENT / INSTRUCTION
Compression axial		170 N min.	

Geometry - Outside dimensions - Signaling and HiPer

PARAMETER	SC	VALUE	TOL	COMMENT / INSTRUCTION
bulb dimensions		Cpk 1;66	-	
Ad		10.4 mm	-	
Ae		13.2 mm	±0;1	
Au		13.65 mm	±0;1	
D1		2.35 mm	±0;1	
Da		16.3 mm	-0;2 min/ + 0;3 max	
Dej		14.5 mm	±0;1	
Distance between rows		4 mm	±0;2	
Lav		26.9 mm	±0;5	

Geometry - Inside dimensions - Signaling and HiPer

PARAMETER	SC	VALUE	TOL	COMMENT / INSTRUCTION
e		18.65 mm	-	
f		3.9 mm	-	

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		Effective Date 2019-11-06	Revision No.: 1

Environmental characteristics

PARAMETER	SC	DESCRIPTION	COMMENT / INSTRUCTION
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Release dates

ROLE	DATE	NAME	COMMENT / SIGNATURE
Creator	2019-11-05	Industrial Editor	
Validator		Industrial Validator	
Approver		Industrial Approver	

DRAFT