ELECTRONIC TUBE REFERENCE

M38120W

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
CATHODERAY

Philips/Mullard monochrome cathode-ray picture tube for direct-view television service, with manufacturer-defined screen dimensions, magnetic deflection, focusing, and high-voltage operation.

General characteristics

BASE DESIGNATION	—	**BASE PINS**	—
NOMINAL HEATER	6.3 V / 300 mA	**PARALLEL HEATER**	— / —
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Cathode Ray

No fixed ratings recorded.

38 cm rectangular monitor tube with metal-backed screen, integral protection and 110-degree deflection

M38120W is a 38 cm rectangular monitor tube with metal-backed screen, integral protection and 110-degree deflection. The supplied Philips datasheet was read for construction, heater or filament data, limiting ratings, characteristic constants, operating conditions, capacitances, screen data, and application information where published.

SOURCE OPERATING CONDITIONS

1999 Philips E-Z

SOURCE PDF

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1999 PHILIPS E-Z

Section 1 · Cathode Ray

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Deflection angle	110 degree	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Resolution	650 lines	—
Useful diagonal	350 mm	—
Useful width	290 mm	—
Useful height	226 mm	—

Tube Tinker

An independent reference for electronic tubes, vacuum tubes, and their source documents.

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