

27V Color Picture Tube *for multimedia applications*

M68AHP32X

Features

- Flat square screen designs for elegant styling and viewer comfort
- Invar slotted mask for TV brightness and uniform picture quality
- Deflection coil capable of SVGA and VGA modes
- Active screen area 545 x 409 mm
- Rare earth type phosphors (oxysulfide red, sulfide green and blue) for true-to-life color reproduction
- High-gloss, low transmission screen for high contrast
- Machine vision tube/coil alignment for optimal convergence
- Double mussel deflection coil for optimal geometry, convergence and spot performance
- Globally approved tube/coil assembly



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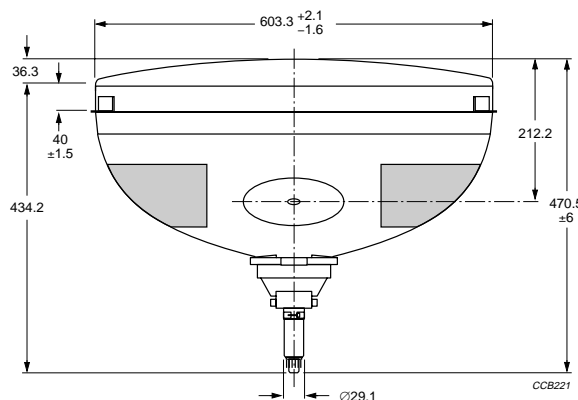
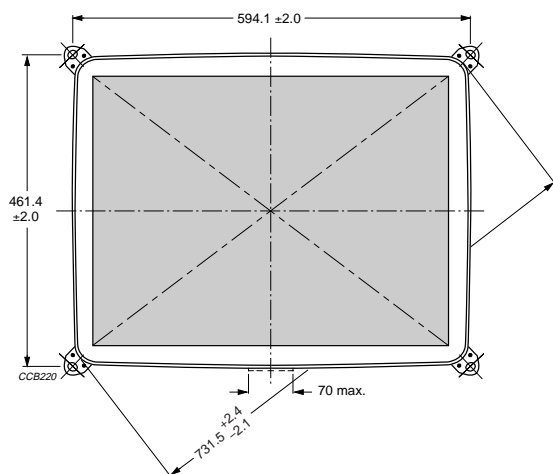
Picture Tube

Size	27V (29")
TV System/Video Mode	525/625 VGA/SVGA
Aspect Ratio	4:3
Electron gun system	Polygon
Deflection angle diagonal	100°
Mask	Invar
Useful screen diagonal	680 mm
Overall length	470 mm
Base	B10-277
Implosion protection	shrinkfit with mounting lugs
Neck diameter	29.1 mm

Panel transmission	36%
Screen finish	High Gloss
Heater voltage	6.3 V
Heater current	315 mA
Anode voltage at long term	
average anode current	32 kV
Static Focus Voltage	25% to 29%
Mass including	
deflection yoke	30 kg
Phosphor pitch	0.68 mm
Hemisphere	Northern

Assemblies

type	horizontal coil			vertical coil		
	inductance	resistance	current	inductance	resistance	current
	(mH)	(Ω)	(A)	(mH)	(Ω)	(A)
..X01	0.34	0.54	10.1	6.1	4.8	2.20



Dimensions in mm

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