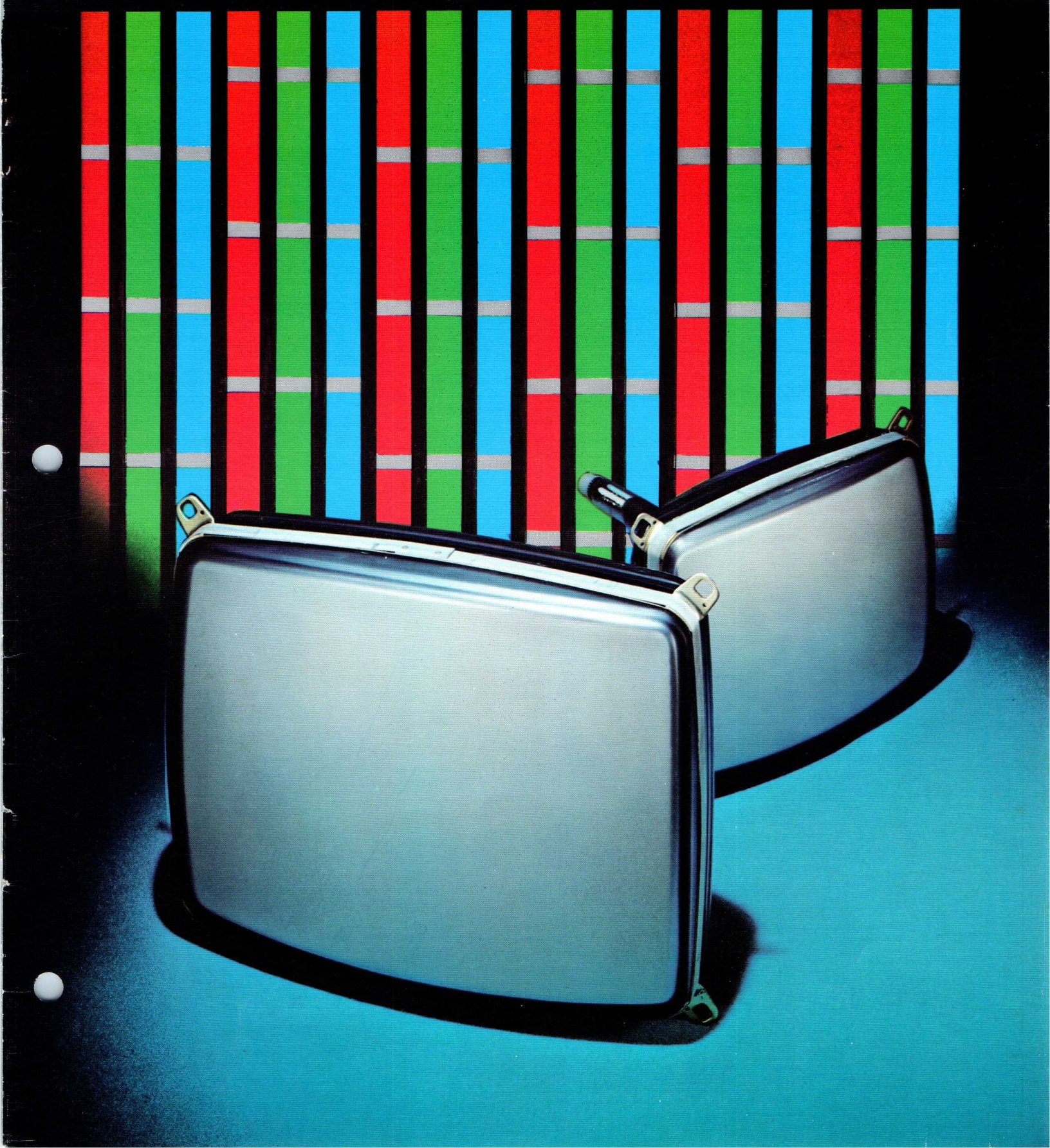
TOSHIBA

COLOUR PICTURE TUBES

- Simplified dynamic convergence
- Vertical stripe screen (Slotted mask)
- In-line gun
- Wide angle deflection



Introduction of Toshiba New System Colour Picture Tubes

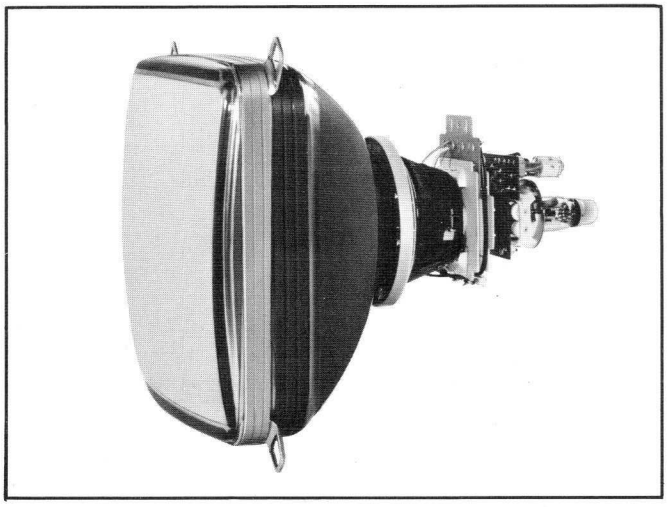
SSI-90 Degree-Vertical Stripe Screen/BLACKSTRIPE
RIS-Wide Angle-Vertical Stripe Screen/BLACKSTRIPE

SSI-Simplified Dynamic Convergence -Slotted Mask -In-Line Gun

The SSI colour picture tube is superior in picture quality and is the most reasonable in circuit design feasibility. Thus this is fit for smaller screen size/portable colour TV's.

Its features and advantages:

- BETTER FOCUS by sharp spot with less spherical aberration focused by a large diameter electron gun.
- BETTER CONVERGENCE QUALITY by SIMPLIFIED DYNAMIC CONVERGENCE adjustment only requiring 2 controlls.
- LOWER DEFLECTION POWER, as low as 70% that of conventional 90-degree tubes, with semi-toroidal deflection yoke.
- SHORTER TUBE LENGTH.
- G2 controlled CONSTANT WHITE BALANCE, independent from brightness changes.
- HIGH BRIGHTNESS and BETTER CONTRAST by BLACKSTRIPE.
- REDUCED COST for accessory parts and INCREASED PRODUCTION EFFICIENCY of colour TV manufacture.



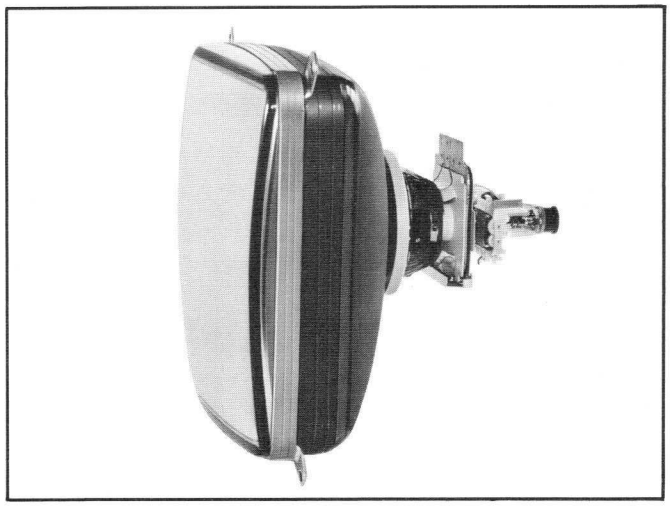
An SSI-90 DEGREE, with Deflection Yoke, Convergence Yoke and Dynamic Convergence Board.

RIS-Rectangular Cone -In-Line Gun -Shadow Mask/Slotted Mask

The RIS colour picture tube gives much improvement to convergence and electron beam landing, and is the most recommendable for wide angle colour TV's.

Its features and advantages:

- LOWER DEFLECTION POWER by rectangular cone with semi-toroidal deflection yoke, only requiring 170% that of conventional 90-degree tubes.
- EXCELLENT CONVERGENCE and BEAM LANDING with much simplified adjustment by Vertical Stripe Screen.
- BETTER FOCUS and HIGH VOLTAGE STABILITY provided by a large diameter electron gun.
- EXTREMELY SHORT TUBE LENGTH.
- HIGH BRIGHTNESS and BETTER CONTRAST by BLACKSTRIPE.
- REDUCED COST for accessory parts and INCREASED PRODUCTION EFFICIENCY of colour TV manufacture.



A RIS-110 DEGREE, with Deflection Yoke and Convergence Yoke.

Tube Types for NTSC System

Tube Size inch (V-inch)		SSI-90 Degree		RIS-Wide Angle	
		VSS	BKS	VSS	BKS
14 (13V)	Banded	370VB22	370AUB22		
16 (15V)	Banded	E2447	420AKB22		
18 (17V)	Banded	E2462	E2463	470EFB22	470EDB22
20 (19V)	Banded	E2468	E2469	510FDB22	510FCB22
22 (21V)	Banded			E2429	560JB22
26 (25V)	Banded			E2464	E2449

Tube Types for PAL System (Note 1)

Tube Size inch (V-inch)		SSI-90 Degree		RIS-Wide Angle	
		VSS	BKS	VSS	BKS
14 (13V)	Banded	370VB22	370AUB22		
	Push-Through	370BDB22			
16 (15V)	Banded	E2447 (p)	420AKB22		
	Push-Through	420ALB22	E2434 (p)		
18 (17V)	Banded	E2462 (p)	E2463 (p)	470EFB22	470EDB22
	Push-Through	E2466 (p)		470ELB22	470ETB22
20 (19V)	Banded	E2468 (p)	E2469 (p)	510FDB22	510FCB22
	Push-Through			510FTB22	E2440 (p)
22 (21V)	Banded			E2429 (p)	560JB22
	Push-Through			560HB22	E2441 (p)
26 (25V)	Banded			E2464 (p)	E2449 (p)
	Push-Through			E2452 (p)	

Colour Picture Tube Characteristics—New Products & *Developmental Types*

◆SSI-90 Degree, -Simplified Dynamic Convergence, -Slotted Mask, -In-Line Gun

Tube Size (inch) (V-inch)	Tube Type	Face Plate (Note 2)	Phosphor Screen Structure (Note 3)	Implosion Protection (Note 4)	Def. Angle (Diagonal) (Deg.)	Neck Dia. (mm)	Overall Length (mm)	Greatest Dimension			Minimum Screen Dimension
								Diagonal (mm)	Width (mm)	Height (mm)	Diagonal (mm)
14 (13V)	370VB22	G	VSS	Banded with Lugs	90	29.1±1.6	350.5±9.5	372.9±3.0	317.9±3.0	248.9±3.0	335.4
	370BDB22	G	VSS	Push-Through	90	29.1±1.6	350.5±9.5	372.9±3.0	317.9±3.0	248.9±3.0	335.4
	370AUB22	C	BKS	Banded with Lugs	90	29.1±1.6	350.5±9.5	372.9±3.0	317.9±3.0	248.9±3.0	335.4
16 (15V)	*E2447	G	VSS	Banded with Lugs	90	29.1±1.6	382.0±9.5	423.6±3.0	362.4±3.0	283.3±3.0	382.3
	420ALB22	G	VSS	Push-Through	90	29.1±1.6	382.0±9.5	423.6±3.0	362.4±3.0	283.3±3.0	382.3
	420AKB22	C	BKS	Banded with Lugs	90	29.1±1.6	382.0±9.5	423.6±3.0	362.4±3.0	283.3±3.0	382.3
	*E2434	C	BKS	Push-Through	90	29.1±1.6	382.0±9.5	423.6±3.0	362.4±3.0	283.3±3.0	382.3
18 (17V)	*E2462	G	VSS	Banded with Lugs	90	29.1±1.6	409.8±9.5	477.5±3.0	409.2±3.0	319.0±3.0	432.2
	*E2466	G	VSS	Push- Through	90	29.1±1.6	409.8±9.5	477.5±3.0	409.2±3.0	319.0±3.0	432.2
	*E2463	C	BKS	Banded with Lugs	90	29.1±1.6	409.8±9.5	477.5±3.0	409.2±3.0	319.0±3.0	432.2
20 (19V)	*E2468	G	VSS	Banded with Lugs	90	29.1±1.6	438.4±9.5	520.0±3.0	443.9±3.0	344.9±3.0	480.0
	*E2469	C	BKS	Banded with Lugs	90	29.1±1.6	438.4±9.5	520.0±3.0	443.9±3.0	344.9±3.0	480.0

◆RIS-Wide Angle, -Rectangular Cone, -In-Line Gun, Shadow Mask/Slotted Mask

18 (17V)	470EFB22	G	VSS	Banded with Lugs	110	36.5±1.6	346.9±9.5	479.0±3.0	410.7±3.0	321.3±3.0	432.2
	470ELB22	G	VSS	Push-Through	110	36.5±1.6	346.9±9.5	477.5±3.0	409.2±3.0	319.0±3.0	432.2
	470EDB22	C	BKS	Banded with Lugs	110	36.5±1.6	346.9±9.5	479.0±3.0	410.7±3.0	321.3±3.0	432.2
	470ETB22	C	BKS	Push-Through	110	36.5±1.6	346.9±9.5	477.5±3.0	409.2±3.0	319.0±3.0	432.2
20 (19V)	510EUB22	G	Conventional	Push-Through	110	36.5±1.6	368.5±9.5	520.0±3.0	443.9±3.0	344.9±3.0	480.0
	510FDB22	G	VSS	Banded with Lugs	110	36.5±1.6	368.5±9.5	521.5±3.0	445.5±3.0	347.3±3.0	480.0
	510FTB22	G	VSS	Push-Through	110	36.5±1.6	368.5±9.5	520.0±3.0	443.9±3.0	344.9±3.0	480.0
	510FCB22	C	BKS	Banded with Lugs	110	36.5±1.6	368.5±9.5	521.5±3.0	445.5±3.0	347.3±3.0	480.0
	*E2440	C	BKS	Push-Through	110	36.5±1.6	368.5±9.5	520.0±3.0	443.9±3.0	344.9±3.0	480.0
22 (21V)	*E2429	G	VSS	Banded with Lugs	110	36.5±1.6	391.5±9.5	572.2±3.0	489.3±3.0	385.3±3.0	530.1
	560HB22	G	VSS	Push-Through	110	36.5±1.6	391.5±9.5	566.7±3.0	487.8±3.0	382.3±3.0	530.1
	560JB22	C	BKS	Banded with Lugs	110	36.5±1.6	391.5±9.5	572.2±3.0	489.3±3.0	385.3±3.0	530.1
	*E2441	C	BKS	Push-Through	110	36.5±1.6	391.5±9.5	566.7±3.0	487.8±3.0	382.3±3.0	530.1
26 (25V)	*E2449	C	BKS	Banded with Lugs	110	36.5±1.6	432.4±9.5	670.8±3.0	577.5±3.0	448.0±3.0	626.3
	*E2452	T	VSS	Push-Through	110	36.5±1.6	432.4±9.5	670.8±3.0	577.5±3.0	448.0±3.0	626.3
	*E2464	T	VSS	Banded with Lugs	110	36.5±1.6	432.4±9.5	670.8±3.0	577.5±3.0	448.0±3.0	626.3

Minimum Screen Dimention		Useful Screen Area (Sq. cm)	Base	Basing Designation	Heater		Max. Anode Voltage (kV)	Typical Operating Conditions			Designed for (Note 1)	*Sample Available at (For Developmental Type)	Tube. Type
Greatest Width (mm)	Greatest Height (mm)				*Ef* (V)	*If* (mA)		Anode Voltage (kV)	Focus Voltage (V)	N0. 2 Grid Voltage (V) (Note 5)			
280.8	210.6	581	B12-262	Special	6.3	600	22.5	20	Ec_3 3360~4000	150~415	NTSC/PAL		370VB22
280.8	210.6	581	B12-262	Special	6.3	600	22.5	20	Ec_3 3360~4000	150~415	PAL		370BDB22
280.8	210.6	581	B12-262	Special	6.3	600	22.5	20	Ec_3 3360~4000	150~415	NTSC/PAL		370AUB22
322.1	241.6	758	B12-262	Special	6.3	600	25	22	Ec_3 3700~4400	150~415	NTSC/PAL	Sample is available	*E2447
322.1	241.6	758	B12-262	Special	6.3	600	25	22	Ec_3 3700~4400	150~415	PAL		420ALB22
322.1	241.6	758	B12-262	Special	6.3	600	25	22	Ec_3 3700~4400	150~415	NTSC/PAL		420AKB22
322.1	241.6	758	B12-262	Special	6.3	600	25	22	Ec_3 3700~4400	150~415	PAL	Sample is available	*E2434
364.2	273.2	969	B12-262	Special	6.3	600	27.5	25	Ec_3 4200~5000	150~415	NTSC/PAL	Summer '75	*E2462
364.2	273.2	969	B12-262	Special	6.3	600	27.5	25	Ec_3 4200~5000	150~415	PAL	Summer '75	*E2466
364.2	273.2	969	B12-262	Special	6.3	600	27.5	25	Ec_3 4200~5000	150~415	NTSC/PAL	Sample is available	*E2463
404.4	303.3	1194	B12-262	Special	6.3	600	27.5	25	Ec_3 4200~5000	150~415	NTSC/PAL	Summer '75	*E2468
404.4	303.3	1194	B12-262	Special	6.3	600	27.5	25	Ec_3 4200~5000	150~415	NTSC/PAL	Sample is available	*E2469
364.2	273.2	969	B12-246	Special	6.3	900	27.5	25	EC_3 4200~5000	150~415	NTSC/PAL		470EFB22
364.2	273.2	969	B12-246	Special	6.3	900	27.5	25	Ec_3 4200~5000	150~415	PAL		470ELB22
364.2	273.2	969	B12-246	Special	6.3	900	27.5	25	Ec_3 4200~5000	150~415	NTSC/PAL		470EDB22
364.2	273.2	969	B12-246	Special	6.3	900	27.5	25	Ec_3 4200~5000	150~415	PAL		470ETB22
404.4	303.3	1194	B12-246	Special	6.3	900	27.5	25	Ec_3 4200~5000	150~415	PAL		510EUB22
404.4	303.3	1194	B12-246	Special	6.3	900	27.5	25	Ec_3 4200~5000	150~415	NTSC/PAL		510FDB22
404.4	303.3	1194	B12-246	Special	6.3	900	27.5	25	Ec_3 4200~5000	150~415	PAL		510FTB22
404.4	303.3	1194	B12-246	Special	6.3	900	27.5	25	Ec_3 4200~5000	150~415	NTSC/PAL		510FCB22
404.4	303.3	1194	B12-246	Special	6.3	900	27.5	25	Ec_3 4200~5000	150~415	PAL	Sample is available	*E2440
445.4	336.7	1458	B12-246	Special	6.3	900	27.5	25	Ec_3 4200~5000	150~415	NTSC/PAL	Sample is available	*E2429
445.4	336.7	1458	B12-246	Special	6.3	900	27.5	25	Ec_3 4200~5000	150~415	PAL		560HB22
445.4	336.7	1458	B12-246	Special	6.3	900	27.5	25	Ec_3 4200~5000	150~415	NTSC/PAL		560JB22
445.4	336.7	1458	B12-246	Special	6.3	900	27.5	25	Ec_3 4200~5000	150~415	PAL	Sample is available	*E2441
527.7	395.8	2030	B12-246	Special	6.3	900	27.5	25	Ec_3 4200~5000	150~415	NTSC/PAL	Summer '75	*E2449
527.7	395.8	2030	B12-246	Special	6.3	900	27.5	25	Ec_3 4200~5000	150~415	PAL	Spring '75	*E2452
527.7	395.8	2030	B12-246	Special	6.3	900	27.5	25	Ec_3 4200~5000	150~415	NTSC/PAL	Spring '75	*E2464

Colour Picture Tube Characteristics—Conventional Tube Types

Tube Size (inch) (V-inch)	Tube Type	Face Plate (Note 2)	Phosphor Screen Structure (Note 3)	Implosion Protection (Note 4)	Def. Angle (Diagonal) (Deg.)	Neck Dia. (mm)	Overall Length (mm)	Greatest Dimension			Minimum Screen Dimension
								Diagonal (mm)	Width (mm)	Height (mm)	Diagonal (mm)
14 (13V)	370NB22	G	Conventional	Banded with Lugs	90	36.5±1.6	370.5±9.5	372.9±3.0	317.9±3.0	248.9±3.0	335.4
	370TB22	G	Conventional	Banded with Lugs	90	36.5±1.6	370.5±9.5	372.9±3.0	317.9±3.0	248.9±3.0	335.4
16 (15V)	420EB22	G	Conventional	Banded with Lugs	90	36.5±1.6	398.0±9.5	423.6±3.0	362.4±3.0	283.3±3.0	382.3
	420JB22	G	Conventional	Banded with Lugs	90	36.5±1.6	398.0±9.5	423.6±3.0	362.4±3.0	283.3±3.0	382.3
17 (16V)	440BKB22	G	Conventional	Push-Through	90	36.5±1.6	421.6±9.5	448.1±3.0	387.2±3.0	312.7±3.0	411.3
18 (17V)	470BGB22	G	Conventional	Banded with Lugs	90	36.5±1.6	425.8±9.5	477.5±3.0	409.2±3.0	319.0±3.0	432.2
	470BKB22	G	Conventional	Banded with Lugs	90	36.5±1.6	429.8±9.5	477.5±3.0	409.2±3.0	319.0±3.0	432.2
	470DUB22	G	Conventional	Push-Through	90	36.5±1.6	429.8±9.5	477.5±3.0	409.2±3.0	319.0±3.0	432.2
	470EMB22	G	Conventional	Push-Through	90	36.5±1.6	425.8±9.5	477.5±3.0	409.2±3.0	319.0±3.0	432.2
19 (18V)	490BFB22	G	Conventional	Banded with Lugs	90	36.5±1.6	449.5±9.5	496.0±3.0	435.0±3.0	353.0±3.0	459.1
	A49-191X	G	Conventional	Push-Through	90	36.5±1.6	449.5±9.5	496.0±3.0	435.0±3.0	353.0±3.0	459.1
20 (19V)	510LB22B	G	Conventional	Banded with Lugs	90	36.5±1.6	454.4±9.5	520.0±3.0	443.9±3.0	344.9±3.0	480.0
	510DVB22	G	Conventional	Banded without Lugs	90	36.5±1.6	454.4±9.5	516.0±3.0	443.9±3.0	344.9±3.0	480.0
	510DJB22	G	Conventional	Push-Through	90	36.5±1.6	454.4±9.5	520.0±3.0	443.9±3.0	344.9±3.0	480.0
22 (21V)	A56-120X	T	Conventional	Push-Through	90	36.5±1.6	474.4±9.5	566.7±3.0	487.8±3.0	382.3±3.0	530.1

Black Surrounded Tube Types (These tube types are for domestic market only.)

◆90 Degree Deflection

14 (13V)	370MB22	C	Conventional/BM	Bended with Lugs	90	36.5±1.6	370.5±9.5	372.9±3.0	317.9±3.0	248.9±3.0	335.4
18 (17V)	470BFB22	C	Conventional/BM	Bended with Lugs	90	36.5±1.6	425.8±9.5	477.5±3.0	409.2±3.0	319.0±3.0	432.2
20 (19V)	510BTB22	C	Conventional/BM	Bended with Lugs	90	36.5±1.6	454.4±9.5	520.0±3.0	443.9±3.0	344.9±3.0	480.0

◆RIS-Wide Angle Deflection

18 (17V)	470EAB22	C	Conventional/BM	Banded with Lugs	110	36.5±1.6	346.9±9.5	479.0±3.0	410.7±3.0	321.3±3.0	432.2
20 (19V)	510DMB22	C	Conventional/BM	Banded with Lugs	110	36.5±1.6	368.5±9.5	521.5±3.0	445.5±3.0	347.3±3.0	480.0
22 (21V)	560CB22	C	Conventional/BM	Banded with Lugs	110	36.5±1.6	391.5±9.5	572.2±3.0	489.3±3.0	385.3±3.0	530.1

Minimum Screen Dimension		Useful Screen Area (Sq. cm)	Base	Basing Designation	Heater		Max. Anode Voltage (kV)	Typical Operating Conditions				Remarks (Note 6)	Tube Type
Greatest Width (mm)	Greatest Height (mm)				*Ef* (V)	*If* (mA)		Anode Voltage (kV)	Focus Voltage (V)	No. 2 Grid Voltage (V) (Note 5)	No. 1 Grid Voltage (V)		
280.8	210.6	581	B12-246	14BH	6.3	900	22.5	20	E_{c4} −75~400	150~390	−100		370NB22
280.8	210.6	581	B12-246	14BH	6.3	900	22.5	20	E_{c4} −75~400	150~390	−100	BGD	370TB22
322.1	241.6	758	B12-246	14BH	6.3	900	22.5	20	E_{c4} −75~400	150~390	−100		420EB22
322.1	241.6	758	B12-246	14BH	6.3	900	22.5	20	E_{c4} −75~400	150~390	−100	BGD	420JB22
354.4	276.9	935	B12-246	14BH	6.3	900	22.5	20	E_{c4} −75~400	150~390	−100	BGD	440BKB22
364.2	273.2	969	B12-246	14BE	6.3	900	27.5	25	E_{c3} 4200~5000	150~415	−100		470BGB22
364.2	273.2	969	B12-246	14BH	6.3	900	22.5	20	E_{c4} −75~400	150~390	−100		470BKB22
364.2	273.2	969	B92-246	14BH	6.3	900	22.5	20	E_{c4} −75~400	150~390	−100	BGD	470DUB22
346.2	273.2	969	B12-246	14BE	6.3	900	27.5	25	E_{c3} 4200~5000	150~415	−100	BGD	470EMB22
395.9	309.5	1161	B12-246	14BE	6.3	900	27.5	25	E_{c3} 4200~5000	150~415	−100		490BFB22
395.9	309.5	1161	B12-246	14BE	6.3	900	27.5	24	E_{c3} 4030~4800	150~415	−100		A49-191X
404.4	303.3	1194	B12-246	14BE	6.3	900	27.5	25	E_{c3} 4200~5000	150~415	−100		510LB22B
404.4	303.3	1194	B12-246	14BE	6.3	900	27.5	25	E_{c3} 4200~5000	150~415	−100		510DVB22
404.4	303.3	1194	B12-246	14BE	6.3	900	27.5	25	E_{c3} 4200~5000	150~415	−100		510DJB22
445.4	336.7	1458	B12-246	14BE	6.3	900	27.5	25	E_{c3} 4200~5000	150~415	−100		A56-120X
280.8	210.6	581	B12-246	14BH	6.3	900	22.5	20	E_{c4} −75~400	150~390	−100		370MB22
364.2	273.2	969	B12-246	14BE	6.3	900	27.5	25	E_{c3} 4200~5000	150~415	−100		470BFB22
404.4	303.3	1194	B12-246	14BE	6.3	900	27.5	25	E_{c3} 4200~5000	150~415	−100		510BTB22
364.2	273.2	969	B12-246	Special	6.3	900	27.5	25	E_{c3} 4200~5000	150~415	−100		470EAB22
404.4	303.3	1194	B12-246	Special	6.3	900	27.5	25	E_{c3} 4200~5000	150~415	−100		510DMB22
445.4	336.7	1458	B12-246	Special	6.3	900	27.5	25	E_{c3} 4200~5000	150~415	−100		560CB22

Note 1: On placing an order put (p) after the registered type number to identify the tube as that for PAL system.

Note 2: Faceplate Light Transmission at Center
The following Light Transmission is available at request.

	C: Clear	G: Gray	T: Tint
25V	Approx. 84%		Approx. 48.5%
21V-18V	Approx. 85%	Approx. 68%	Approx. 53%
17V-15V	Approx. 85.5%	Approx. 69%	
13V	Approx. 86%	Approx. 72%	
Use	Mainly used for BLACKSTRIPE Tube	Limited for Conventional Tube	

Note 3: VSS; Verical Stripe Screen
BKS; BLACKSTRIPE
BM; Black surrounded
Note 4: Push-Through; Banded with lugs, for push-through cabinet design.
Note 5: No. 2 grid voltage for visual extinction of focused spot, when circuit design utilizes grid No. 1 voltage of −100V.
Note 6: BGD; Blue gun down.

Black and White Picture Tube Characteristics

Tube Size (V-inch)	Type	Def. Angle (Diagonal) (Deg.)	Neck Dia. (mm)	Face Plate Light Transmission at Center (Approx. %) (Note 1)	Implosion Protection (Note 2)	Heater		Typical Operating Conditions		Remarks
						Ef (V)	*If* (mA)	*Eb* (kV)	Ec_2 (V)	
5V	140YB4	70	20.0	C, 81.5	None	12.0	75	8	300	
8V	9WP4	90	20.0	T, 49.5	T-Band	12.0	75	9	100	Anode on Short Axis
	230AXB4	90	20.0	T, 49.5	T-Band	12.0	82	9	100	Anode on Short Axis
9V	240AB4A	90	20.0	T, 53.5	T-Band	12.0	75	9	100	
	240DB4A	90	20.0	T, 53.5	T-Band	12.0	75	9	300	
	240NB4	90	20.0	T, 53.5	T-Band with Lugs	12.0	75	9	100	
12V	310GAB4	90	20.0	T, 49.5	T-Band with Lugs	11.0	82	10	100	
	310EUB4	90	20.0	T, 49.5	T-Band	12.0	75	10	100	
	310GNB4A	90	20.0	T, 49.5	T-Band with Lugs	12.0	75	10	100	
	310DMB4	90	20.0	T, 49.5	T-Band	12.0	75	10	300	
	12VAQP4	110	20.0	T, 49.5	T-Band	4.2	450	10	140	
	12VAUP4	110	20.0	T, 49.5	T-Band	6.3	300	10	140	
	12VAWP4	110	20.0	T, 49.5	T-Band	6.3	450	12	130	
	12VAXP4	110	20.0	T, 49.5	T-Band	11.0	82	10	150	
	310CFB4A	110	20.0	T, 49.5	T-Band	12.0	75	10	100	
	310FAB4A	110	20.0	T, 49.5	T-Band	12.0	75	10	300	
	E2116	90	20.0	T, 49.5	Push-Through	11.0	82	11	250	equivalent to A31-19W
	E2117	110	20.0	T, 49.5	Push-Through	11.0	82	11	250	equivalent to A31-250W
13V	340ATB4	90	20.0	T, 48.0	T-Band	12.0	75	12	300	
	340AUB4	90	20.0	T, 48.0	T-Band	12.0	75	12	100	
	340AB4A	110	20.0	T, 48.0	T-Band	12.0	75	12	300	Anode on Short Axis
	M6929FZP	110	20.0	T, 48.0	Push-Through	11.0	82	12	300	Anode on Short Axis
16V	440MB4	114	28.6	T, 48.0	Banded with Lugs	6.3	450	16	300	
	440LB4	114	28.6	T, 48.0	Banded with Lugs	6.3	300	16	300	
	E2112	114	28.6	T, 48.0	Push-Through	6.3	300	16	300	
19V	500SB4	114	28.6	T, 44.0	Banded with Lugs	6.3	450	16	400	
	500TB4	114	28.6	T, 44.0	Banded with Lugs	6.3	300	16	450	

(Note 1); C: Clear, G: Gray, T: Tint

(Note 2); Push-Through: Banded, for push-through cabinet design

TOSHIBA
TOKYO SHIBAURA ELECTRIC CO., LTD.
CONSUMER PRODUCTS EXPORT DIVISION
2-1, 5-chome, Ginza Chuo-ku, ToKyo, Japan

Printed in Japan
OCT. '74 Ⓓ