## Bendix Computer

## CUSTOMER ENGINEERING POLICIES AND PROCEDURES

Page:\_

SUBJECT:

DIODE LIST (G-15)

The accompanying diode list is furnished for your convenience, to permit you to identify any diodes now in use in the G-15 and accessory equipment.

The Engineering Spec. #35-6 will permit identification of any diodes that may be used in the future, as all diodes with the exception of 94ClO, 94Wll will be so color coded.

Submitted by Don Bennorth Reliability Group

Prepared by: Reliability Group Date: January 13, 1959

## Vendors List of Diodes Used on G-15 and Accessory Equipment

## Old & New Color Coding

Manufa	cturer	Manuf. #	Body Color	Color Bands	Additional Markings	
	Bendix #94Al	Discontinued (replaced by 94Cl)				
	Hughes Aircraft Co.	1N-116	Glass	Brown, Brown, Blue	H (not all)	
	Bendix #94Cl			e Amps; Typewriter Base; D-l, Clamp; MTA Amp.	D-2, D-3 Boards;	
	Hughes Aircraft Co.	HD-2284	Glass	Red, Grey, Yellow	H (not all)	
	Transitron Inc.	<b>5-</b> 85G	Glass	Black, Grey, Green	T	
OID	P. S. I.	P.S237	White	Red, Orange, Violet		
COLOR <	Radio Receptor Co.	DR-282	Glass	Red, Grey, Red		
	Amperex Electronic Corp.	G-102	Black	None	G-102	
	Clevite Transistor Prod.	CTP-440	Glass	Blue, Red, Green		
	Hughes Aircraft Co.		Glass	Black, Brown, Red	Page •	Memo
NEW	Transitron Inc.		Glass	Black, Brown, Green	••	No:
CODE	Radio Receptor Co.		Glass	Black, Brown, Blue		<u> </u>
	Clevite Transistor Prod.		Glass	Black, Brown, Yellow		36
	Amperex Electronic Corp.		Black	None		

Manufacturer		Manuf. #	Body Color	Color Bands	Additional Markings		
	Bendix #94A4	Discontinued (replaced by 94C4)					
	Hughes Aircraft Co.	1N-191	Glass	Brown, White, Brown	H (not all)		
	Transitron Inc.	lN-191	Glass	Brown, White, Brown	T (not all)		
	Bendix #9404						
COLOR		HD-2296	Glass	Red, White, Blue	H (not all)		
COD <b>E</b> NEW	Hughes Aircraft Co.		Glass	Black, Yellow, Red			
COLOR	General Transistor Corp		Glass	Black, Yellow, Brown	e.		
	Eendix #94C10	Used on: MTA-2 TRA Package					
	Hughes Aircraft Co.	IN-628	Black	Blue, Red, Grey	H (not all)		
	CBS Hytron	1N-391	Brown	None	CBS 1N-39A		
	Bendix #94A3	Discontinued (replaced by 94W11)					
	Transitron Inc.	<b>T-</b> 7	Brown	None	T-7		
	Bendix #94W11						
	Transitron Inc.	T-7G	Glass	Black, Black, Violet	T		

136 Memo No: Page:



APPROVED		ENGINEERING	NO. 35-6 REV	
MECH. ENGR.		SPECIFICATION	PREPARED BY D. Commo	
ELECT. ENGR. PROJ. ENGR.	M. A. Halode	TITLE Diode Color Code	CHECKED BY MATCH 1958	
a b	. Category 94 (	consists of 3 parts:  denotes - diodes) s drawing size art number within category		
	Examples; 9		Ol  Consecutive Part Number  Drawing Size  tegory	
	y the consecutive coded on the dis	e part number and the vendor identide.	fication code shall	
3)	<i>I</i>	1st Color Band (First digit) 2nd Color Band (Second digit)		

3)		2nd Color Band (Second dig t)	
		3rd Color Band (Vendor identification co	lor)
	Cathode		
	End		
	-	<del> </del>	

3.1) First two bands, as seen from the cathode end, shall represent the first and second digit of the consecutive part number (see lc). Standard RMA color code shall be used, as listed below:

Black	0	Green 5
Brown	1	Blue 6
Red	2	Violet 7
Orange	3	Grey 8
Yellow	4	White 9

3.2) Third band, - represents BCD vendor assigned color code:

Black	Pacific Semiconductors Inc.	Green	Transitron Electronics Corp.
Brown	General Transistor Corp.	Blue	Radio Receptor Company
Red	Hughes Aircraft Company	Violet	
Orange		Grey	
Yellow	Clevite Transistor Products	White	Amperex Electronic Corporation

Note: Allocation of a color code to a vendor should not be understood as approval of a given vendor's product.

4, Vendors may at their option, in addition to the color band, use their insignia, initial, etc. of any color.