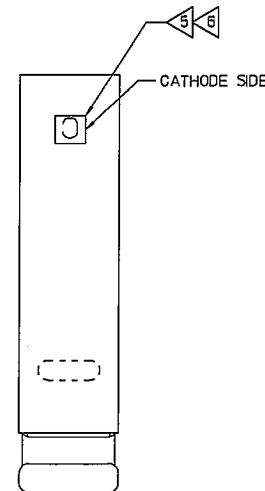
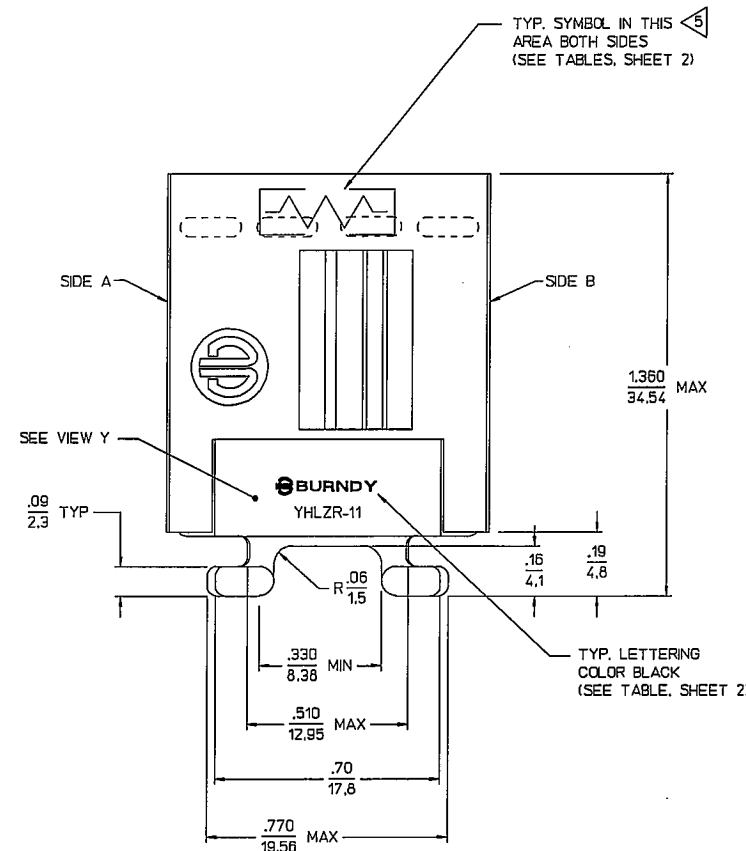
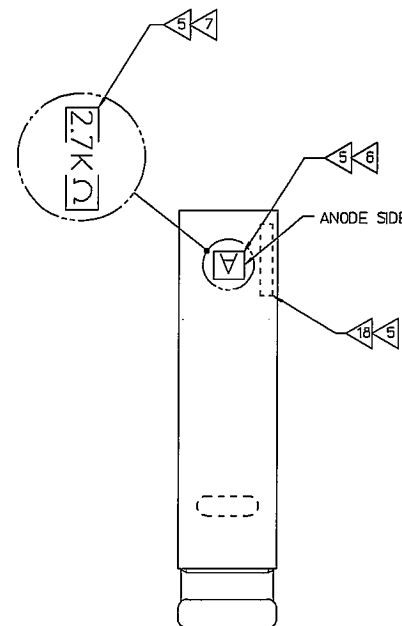
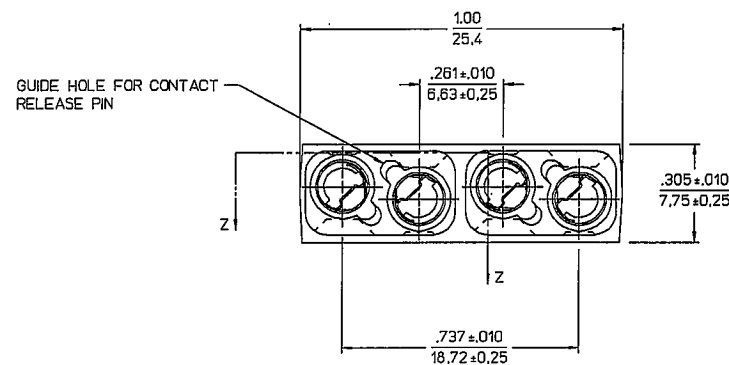
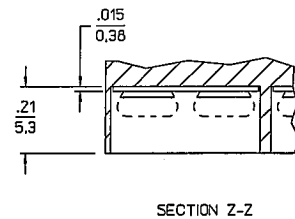
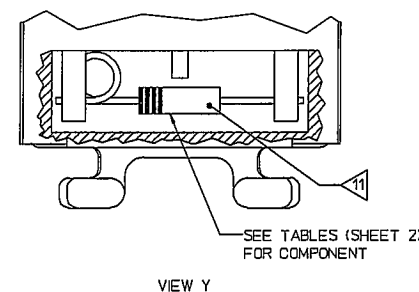


THIS DRAWING IS A PRELIMINARY DRAWING. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE DIMENSIONS AND TOLERANCES OF THE COMPONENTS SHOWN ON THIS DRAWING.

C

B

THIS INFORMATION IS CONFIDENTIAL AND IS TO BE KEPT AS SUCH. IT IS NOT TO BE DISCLOSED TO ANY OTHER PERSON OR ENTITY WITHOUT THE WRITTEN AUTHORIZATION OF THE COMPANY.



ENGINEERING REQUIREMENTS:

MATERIAL:

BODY: ZYTEL N0.151L OR EQUIVALENT SELF-EXTINGUISHING
ASTM D635-56T (NYLON, MIL-P-20693) AND FUNGUS RESISTANT.

SOCKET CONTACT: BRASS (Q0-B-626), GOLD PLATED .000030
[0.762 MICRONS] MIN. PER MIL-G-45204.

RETAINING SPRING, CONTACT SPRING, BUSSING STRIP: BERYLLIUM
COPPER (Q0-C-533 ALLOY 172) GOLD PLATED .000030
[0.762 MICRONS] MIN. PER MIL-G-45204.

PERFORMANCE CHARACTERISTICS:

CURRENT RATING: 20 AMPS FOR MODULE.

DRY CIRCUIT RATING: 10 MICROVOLTS MIN. OPEN CIRCUIT VOLTAGE.

NOTES: UNLESS OTHERWISE SPECIFIED,

1. INTERPRET THIS DRAWING IN ACCORDANCE WITH ANSI Y14.5M-1982.

2. MODULES FOR USE WITH ANY TYPE TRACK
(REF. DWGS. SE66604 AND SE66784).

3. ALTERNATE SEMI-CONDUCTOR: JAN IN 4247.

4. COMPLETED ASSEMBLIES SHALL BE TESTED 100% FOR INTEGRITY OF
ELECTRICAL CONNECTIONS AND PROPER DIODE POLARITY PER FCI
QUALITY CONTROL INSTRUCTION SHEET. YHLZR- TO BE TESTED FOR
CONTINUITY ONLY.

5. MARKINGS TO BE .062 [1.57] MIN. TALL WITH WHITE OPAQUE INK.

6. STAMPING FOR YHLZD- (DIODES) SEE TABLE, SHEET 2.

7. STAMPING FOR YHLZR- (RESISTOR) GIVEN RESISTOR VALUE, SEE
TABLE, SHEET 2.

NOTE 8 REMOVED.

9. AN ALTERNATE RESISTOR RNC60J3001BS (3K ±0.1% 1/4W),
RNC60E3001BS (3.01K ±0.1% 1/4W), OR RNC60J3011BS (3.01K ±0.1% 1/4W)
MAY BE SUPPLIED. CONNECTOR MARKINGS WILL REMAIN THE SAME.

NOTE 10 REMOVED.

11. THE BAND OF THE DIODE SHALL BE ON THE SAME SIDE AS THE
"C" (CATHODE).

12. SUBSTITUTION OF A SUPERIOR (LOWER RESISTOR TOLERANCE
LEVEL AND LOWER FAILURE RATE LEVEL) RESISTOR PERMISSIBLE
AS LONG AS REMAINDER OF RESISTOR PART NO. IS IDENTICAL.
(EX: RLR20C2702FS IN PLACE OF RLR20C2702GR).
CONNECTOR MARKINGS WILL REMAIN THE SAME.

13. PART IS OBSOLETE. USE YHLZD-33.

14. YHLZD-32 IS PREFERRED FOR NEW DESIGN.

15. PART IS NO LONGER AVAILABLE. NO ALTERNATE EXISTS.

16. PARTS NOT RECOMMENDED FOR NEW DESIGN.

17. YHLZR34 AND YHLZR35 ONLY: THE PARTS ARE ELECTRO-STATIC
DISCHARGE SENSITIVE (ESDS) AND MAY NOT MAINTAIN THEIR
RESISTOR TOLERANCES DURING USE ON AIRCRAFT.

18. DATE CODE PER FCI SPECIFICATION L5385, METHOD A2,
LOCATED APPROX. AS SHOWN.

19. ALTERNATE SEMI-CONDUCTOR: JANTXIN6122A.

20. HIGHER ASSURANCE LEVEL PRODUCT IS SUBSTITUTABLE FOR A
LOWER ASSURANCE LEVEL PRODUCT. ASSURANCE LEVELS ARE AS
FOLLOWS FROM LOWEST TO HIGHEST: JAN, JANTX, JANTXV & JANS.

SUPERSEDES: SD73529 REV.42
SD69479 REV.20

- SEE SHEET 2 -

51	REVISED PRINT PER EON4847	SOH	SOH	03-29-01
50	REVISED PRINT PER EON4974	AGB	TMN	06-04-99
49	REVISED PRINT PER EON4941	SAF	TMN	04-08-98
48	SH 2: ADDED CAT. NO. YHLZD-40, YHLZD-41, YHLZR-49 & DESCP.	JW	CL	02-27-95
47	SH 1: NO CHANGE SH 2: CHGD CAT. FROM: -47 TO: -45 (EON15003)	COP	FDH	02-10-94
46	SH 1: NO CHANGE SH 2: ADDED CAT. NO. YHLZR-48 (EON2405)	VCE	VCE	12-02-93
45	SH 1: NO CHANGE SH 2: ADDED CAT. NO. YHLZR-47 (EON2349)	GJD	GJD	10-04-93
44	ADDED RNC60J3011BS (3.01K ±0.1% 1/4W) TO NOTE 9 (EON2319)	DDF	JW	8-20-93
43	SH 1: DIM. 18 WAS .15, 21 WAS .19, SH 1 AND 2 REDRAWN ON CAD (EON1906)	DLB	VCE	2-27-92
REV	REVISION DESCRIPTION	BY	CHKD	DATE

TERMINAL BLOCK MODULE ASSEMBLY

CAT NO: YHLZ- (SEE TABLE)

CAGE NO: 09922 SIZE: D

UNLESS OTHERWISE SPECIFIED
NO. OF PLACES
ONE PLACE
TWO PLACES
THREE PLACES
ANY OTHER

THIRD ANGLE PROJECTION
UNLESS OTHERWISE SPECIFIED
NO. OF PLACES
ONE PLACE
TWO PLACES
THREE PLACES
ANY OTHER

CUSTOMER

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APPROVAL
DRN: L3
DRN: B
DRN: H
DRN: K
DRN: L
DRN: M
DRN: N
DRN: O
DRN: P
DRN: Q
DRN: R
DRN: S
DRN: T
DRN: U
DRN: V
DRN: W
DRN: X
DRN: Y
DRN: Z

SHEET 1 OF 2

ME10

THIS DRAWING IS A COMPUTER GENERATED DRAWING. THE DIMENSIONS AND TOLERANCES SHOWN ARE THE DIMENSIONS AND TOLERANCES OF THE PARTS. THE DIMENSIONS AND TOLERANCES OF THE PARTS SHALL BE THE DIMENSIONS AND TOLERANCES OF THE PARTS.

C

B

THIS DRAWING IS A COMPUTER GENERATED DRAWING. THE DIMENSIONS AND TOLERANCES SHOWN ARE THE DIMENSIONS AND TOLERANCES OF THE PARTS. THE DIMENSIONS AND TOLERANCES OF THE PARTS SHALL BE THE DIMENSIONS AND TOLERANCES OF THE PARTS.

8		7		6		
YHLZR-__						
CATALOG NUMBER	INTERNAL RESISTOR	COLOR		MARKING		
		SIDE A	SIDE B	FRONT/REAR	SIDE A	SIDE B
YHLZR-1	RLR20C2702GR 27K ±2% 1/2W	BLUE	NATURAL	—	27K Ω	—
YHLZR-2	RLR20C4301GR 4.3K ±2% 1/2W	BLUE	BLACK	—	4.3K Ω	—
YHLZR-3	RLR20C5601GR 5.6K ±2% 1/2W	BLACK	BLACK	—	5.6K Ω	—
YHLZR-4	RLR20C6201GR 6.2K ±2% 1/2W	YELLOW	YELLOW	—	6.2K Ω	—
YHLZR-5	RLR20C9101GR 9.1K ±2% 1/2W	BLACK	ORANGE	—	9.1K Ω	—
YHLZR-6	RLR07C10R0GR .01K ±2% 1/4W	YELLOW	BLACK	—	.01K Ω	—
YHLZR-7	RLR07C1200GS .12K ±5% 1/4W	YELLOW	GREEN	—	.12K Ω	—
YHLZR-8	RNC60K5112FR 51.1K ±1% 1/4W	YELLOW	BLUE	—	51.1K Ω	—
YHLZR-9	RLR20C1202GR 12K ±2% 1/2W .01% FAILURE AT 50% RATED W/1000 HOURS	YELLOW	RED	—	12K Ω	—
YHLZR-10	RLR07C102FS 11K ±1% 1/4W 0.01% FAILURE AT 50% RATED W/1000 HOURS	YELLOW	NATURAL	—	11K Ω	—
YHLZR-11	RLR20C2402GR 24K ±2% 1/2W	BROWN	BROWN	—	24K Ω	—
YHLZR-13	RLR07C2400GR .24K ±2% 1/4W	BROWN	BROWN	—	.24K Ω	—
YHLZR-14A	RLR20C1001GR 1K ±2% 1/2W	GREEN	GREEN	—	1K Ω	—
YHLZR-15A	RLR20C2701GR 2.7K ±2% 1/2W	BLACK	RED	—	2.7K Ω	—
YHLZR-16	RLR20C71R5FR .0715K ±1% 1/2W	RED	ORANGE	—	.0715K Ω	—
YHLZR-17	RWR80S2001FR 2.0K ±1% 2W	GREEN	BROWN	—	2K Ω	—
YHLZR-18	RLR20C4301GR 4.3K ±2% 1/2W	BROWN	BROWN	—	4.3K Ω	—
YHLZR-19	RLR20C2700FR .27K ±1% 1/2W	BROWN	BROWN	—	.27K Ω	—
YHLZR-20	RLR20C8200FR .82K ±1% 1/2W	BROWN	BROWN	—	.82K Ω	—
YHLZR-21	RLR07C2322FR 23.2K ±1% 1/4W	BROWN	BROWN	—	23.2K Ω	—
YHLZR-22	RLR07C2151FR 2.15K ±1% 1/4W	BROWN	BROWN	—	2.15K Ω	—
YHLZR-23	RLR07C1691FR 1.69K ±1% 1/4W	BROWN	BROWN	—	1.69K Ω	—
YHLZR-24	RLR07C7500FR .75K ±1% 1/4W	BROWN	BROWN	—	.75K Ω	—
YHLZR-25	RLR07C4870FS .487K ±1% 1/4W	BROWN	BROWN	—	.487K Ω	—
YHLZR-26	RLR07C3160FR .316K ±1% 1/4W	BROWN	BROWN	—	.316K Ω	—
YHLZR-27	RLR07C2320FR .232K ±1% 1/4W	BROWN	BROWN	—	.232K Ω	—
YHLZR-28	RNC55H1801DR 1.8K ±0.5% 1/10W	BROWN	BROWN	—	1.8K Ω	—
YHLZR-29	RLR07C1501FR 1.5K ±1% 1/4W	BROWN	BROWN	—	1.5K Ω	—
YHLZR-30	RNC60H3001DR 3K ±0.5% 1/4W	BROWN	BROWN	—	3K Ω	—
YHLZR-31	RLR07C1602GR 16K ±2% 1/4W	BROWN	BROWN	—	16K Ω	—
YHLZR-32	RNC55H1003FR 100K ±1% 1/10W	BROWN	BROWN	—	100K Ω	—
YHLZR-33	RLR07C1002GR 10K ±2% 1/4W	BROWN	BROWN	—	10K Ω	—
YHLZR-34	RNC55J1203BS 120K ±1% 1/10W	BROWN	BROWN	—	120K Ω	—
YHLZR-35	RNC60H8062BS 80.6K ±1% 1/4W	BROWN	BROWN	—	80.6K Ω	—
YHLZR-36	RLR07C3302JR 33K ±5% 1/4W	BROWN	BROWN	—	33K Ω	—
YHLZR-37	RWR80N15R0FS .015K ±1% 2W	BROWN	BROWN	—	.015K Ω	—
YHLZR-38	RLR07C4991FS 4.99K ±1% 1/4W	BROWN	BROWN	—	4.99K Ω	—
YHLZR-39	RLR20C3320FR .332K ±1% 1/2W	BROWN	BROWN	—	.332K Ω	—

UNLESS OTHERWISE SPECIFIED	THIRD ANGLE PROJECTION	TOLERANCES	UNLESS OTHERWISE SPECIFIED
NO. OF PLACES	INCH (MM)	ONE PLACE	±.1 (.01)
TWO PLACES	±.01 (.001)	THREE PLACES	±.001 (.0001)
FOUR PLACES	±.0001 (.00001)		

BE	REVISED PER ECN6186	SDH	SDH	01-08-04
BD	REVISED PER ECN7740	JRD	SDH	01-08-03
BC	REVISED PER ECN7384	JRD	SDH	07-11-02
BB	REVISED PER ECN5597	JRD	SDH	01-22-02
BA	REVISED PRINT PER ECN5302	JRD	SDH	10-03-01
52	REVISED PRINT PER ECN4840	JRD	SDH	06-29-01
REV	REVISION DESCRIPTION	BY	CHKD	DATE
TERMINAL BLOCK MODULE ASSEMBLY				
CAT NO: YHLZ-__ (SEE TABLE)				
DATE NO 69922				
SHEET 2 OF 2				
SOURIAU Connection Technology				
CUSTOMER				
www.focconnat.com				
SHEET 2 OF 2				