

CUSTOMER DATA

PART NO.

VFM-11F41-S01

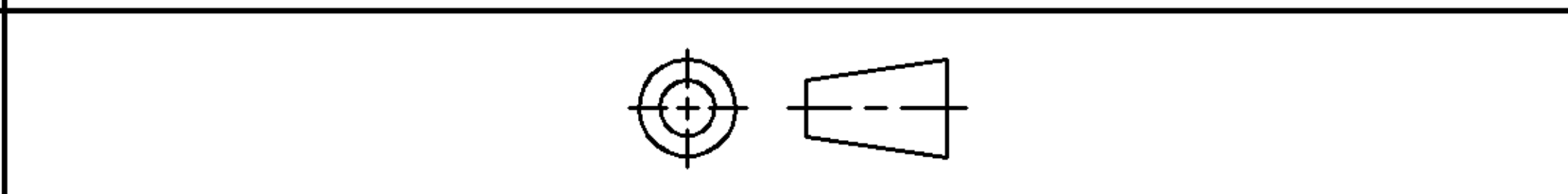
SHT. 1
OF 2

DRAWN M.BROWN	APPROVAL B.TOEPFER	DATE 04-23-01	SCALE 1=1
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CUSTOMER
TEC STANDARD

X.XXX = INCHES
(X.XX) = MILLIMETERS

TOLERANCE UNLESS SPECIFIED OTHERWISE	0.X = +/-.1 0.XX = +/-.01 0.XXX = +/-.003 ANGLES = +/-.1°
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DO NOT SCALE THIS DRAWING

CHANGES			
REV.	DATE	CO	APP.
	04-23-01	RELEASE	MB
	03-19-05	ECR-05-011	EDS C.G.

ELECTRICAL CHARACTERISTICS: (ALL DATA APPLIES @ 23°C UNLESS OTHERWISE SPECIFIED)

COIL DATA:

NOMINAL VOLTAGE: 12 VDC
 OPERATE VOLTAGE: 7.2 VDC MAXIMUM
 RELEASE VOLTAGE: 1.2 VDC MINIMUM
 EQUIVALENT COIL RESISTANCE: 79.5 OHMS +/- 10%
 OPERATE TIME: 5 mSEC. TYPICAL (EXCLUDING BOUNCE) WITH RATED COIL VOLTAGE APPLIED
 RELEASE TIME: 2 mSEC. TYPICAL (EXCLUDING BOUNCE) WITH ZERO VOLTS APPLIED AFTER HAVING BEEN ENERGIZED AT RATED COIL VOLTAGE
 TEMPERATURE RANGE: STORAGE -40°C TO +155°C
 OPERATING -40°C TO +85°C
 OPERATING -40°C TO +125°C (APPLICATION DEPENDENT)

CONTACT DATA:

CONTACT ARRANGEMENT: 1 FORM A (SPST)
 CONTACT MATERIAL: AgSnO (SILVER-TIN OXIDE)
 CONTACT MILLIVOLT DROP: 200 mV @ 15A MAX. (AFTER SWITCHING)
 MAXIMUM MAKE CURRENT: 120A (LAMP) @ 16 VDC
 MAXIMUM BREAK CURRENT: 30A @ 16 VDC RESISTIVE
 MAXIMUM CONTINUOUS CURRENT: 20A @ 85°C
 INITIAL BREAKDOWN CURRENT: 500V RMS CONTACTS TO COIL

EXPECTED LIFE: 100,000 OPERATIONS, 20 A, 14 VDC RESISTIVE AT 23°C

MECHANICAL CHARACTERISTICS:

EXPECTED LIFE: 10 MILLION OPERATIONS, NO CONTACT LOAD, 20 OPERATIONS PER SECOND MAXIMUM

CUSTOMER DATA

PART NO.

VFM-11F41-S01

SHT. 2
OF 2

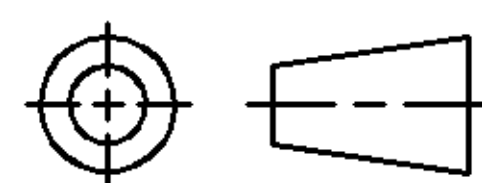
DRAWN M.BROWN	APPROVAL B.TOEPPER	DATE 04-23-01	SCALE 1=1
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CUSTOMER
TEC STANDARD

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(X.XX) = MILLIMETERS

TOLERANCE
UNLESS SPECIFIED OTHERWISE

0.X = ± 0.1
0.XX = ± 0.01
0.XXX = ± 0.003
ANGLES = $\pm 1^\circ$



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REV-B

MARKING TO INCLUDE:
MANUFACTURER'S NAME, MANUFACTURER'S PART NUMBER,
COIL VOLTAGE, CONTACT RATING, SCHEMATIC, COUNTRY OF
ORIGIN, AND DATE CODE

