



CUSTOMER DATA

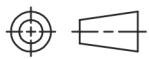
PART NO. VFM-11F71-S01 SHT. 1 OF 2




DRAWN M.BROWN APPROVAL C.GORDON DATE FIRST_DRAWN 09-08-04 SCALE 1=1

CUSTOMER TE_CONNECTIVITY_STANDARD

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

TOLERANCE 0.X = +/- .1
UNLESS 0.XX = +/- .01
SPECIFIED 0.XXX = +/- .003
OTHERWISE ANGLES = +/- 1'


DO NOT SCALE THIS DRAWING

CHANGES			
REV.	DATE	CO	APP.
	03-26-07	CHG. RATINGS ^{NT}	B.T.
	01-07-08	ECR-08-000433 ^{LB}	B.T.
	24MAY2011	ECO-11-010686 ^{HMF}	HMF

ELECTRICAL CHARACTERISTICS: (ALL DATA APPLIES @ 85°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: SILVER-TIN OXIDE
 CONTACT MILLIVOLT DROP: 200 mV @ 30A MAX. (AFTER SWITCHING)
 250 mV @ 20A MAX. (AFTER SWITCHING)
 MAXIMUM MAKE CURRENT: 150A (LAMP) @ 16 VDC
 MAXIMUM BREAK CURRENT: 40A @ 16 VDC RESISTIVE
 MAXIMUM CONTINUOUS CURRENT: 35A @ 85°C
 INITIAL BREAKDOWN CURRENT: 500V RMS CONTACTS TO COIL

EXPECTED LIFE: 100,000 OPERATIONS, 35 A, 14 VDC RESISTIVE AT 23°C

MECHANICAL CHARACTERISTICS:

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