



CUSTOMER DATA

PART NO.

VFM-11F71-S01

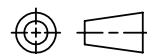
SHT. 1
OF 2

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

X.XXX = INCHES (X.XX) = MILLIMETERS
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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
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MECHANICAL CHARACTERISTICS:

EXPECTED LIFE:	10 MILLION OPERATIONS, NO CONTACT LOAD, 20 OPERATIONS PER SECOND MAXIMUM
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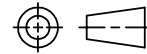
SHT. 2
OF 2

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

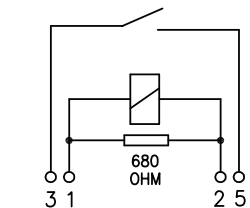
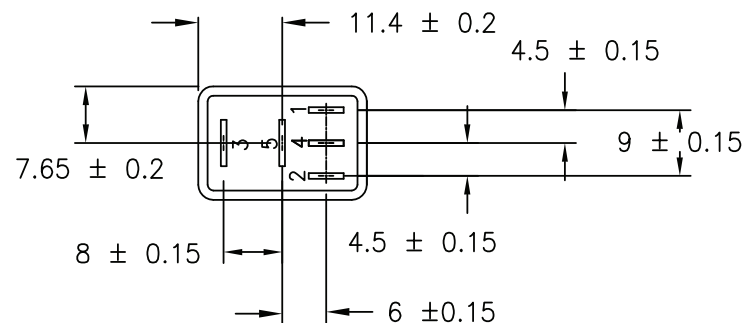
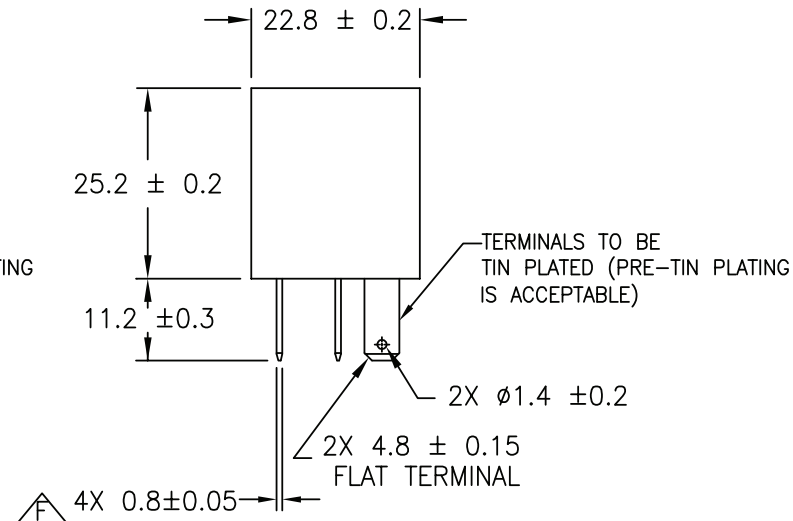
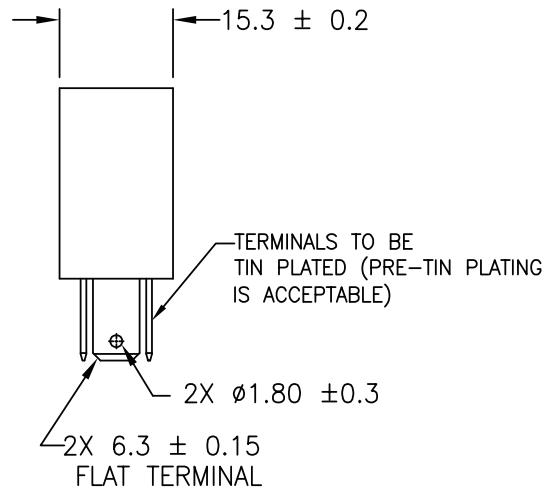
TOLERANCE 0.X = ± 0.1
UNLESS 0.XX = ± 0.01
SPECIFIED 0.XXX = ± 0.003
OTHERWISE ANGLES = $\pm 1^\circ$



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REV. G

MARKING TO INCLUDE:
MANUFACTURER'S NAME, MANUFACTURER'S PART NUMBER,
HI PWR, SCHEMATIC, COUNTRY OF
ORIGIN, AND DATE CODE



SCHEMATIC DIAGRAM