

These Parts Are Manufactured in Strict Compliance to MIL-STD-981.

The "X" in the part number refers to the Quality Level	UNLESS OTHERV Dimensions are in	COAST/ACM					
(C, B, E, or S), see Quality Assurance Provisions	tolerances are: Fractions Deci .X = 4 ±1/64 .XX =		TITLE Trans	former	, Curren	t Mon	itor
above.	.XXX=		FSCM	DWG.			REV.
	DRAWN BY	DATE	2255	8	33	165X	
DO NOT SCALE DRAWING	Jim Allen	06/07/04	SCALE: none	MAX. WT.	: 59 grams	SHEET	1 OF 1

IN5806 TypicalImage: transfer Characteristics (Ic – Test with Is open circuit): Route 1 turn Ic cable > 6" from core, before and after going through the core.Image: transfer Characteristics (Ic – Test with Is open circuit): Route 1 turn Ic cable > 6" from core, before and after going through the core.Image: transfer Characteristics (Ic – Test with Is open circuit): $1.000 + \frac{1}{200}$ Image: transfer Characteristics (Ic – Test with Is open circuit): $1.0 = 0.0830 - 0.3275$ Select R ₀ for best transfer characteristics curve for both windings.+5.0 = 0.4375 - 0.8375 $+10 = 1.075 - 1.475$ Transfer Characteristics (IB – Test with Ic open Circuit and Ro in place): Set Is to 20.0 mA \pm 0.5%, Vo = 1.27 to 1.31 VDc+20 = 2.350 - 2.750 $+40 = 4.900 - 5.300$ Note:Substitute terminals 1 & 2 for a & b and 3 & 4 for c & d in the schematic and test Ic and Is, then substitute terminals 5 & 6 for a & b and 7 & 8 for c & d in the schematic and re-test Ic and IB.		Ein Ein		(
Transfer Characteristics (Ic – Test with IB open circuit):0.0 $0.0000 - 0.2000$ Route 1 turn Ic cable > 6" from core, before and after going through the core. $+0.4$ $0.0310 - 0.2510$ Select R _o for best transfer characteristics curve for both windings. $+1.0$ $0.0830 - 0.3275$ Transfer Characteristics (IB – Test with Ic open Circuit and Ro in place): $+20$ $2.350 - 2.750$ Set IB to 20.0 mA \pm 0.5%, Vo = 1.27 to 1.31 VDC $+30$ $3.625 - 4.025$ Note:Substitute terminals 1 & 2 for a & b and 3 & 4 for c & d in the schematic $+40$ $4.900 - 5.300$			0.1µF 100V +	68µF 20V Solid	±1% 	≫ Vo		
	Transfer Characteristics (Ic – Test with IB open circuit):0.0 $0.0000 - 0.2000$ Route 1 turn Ic cable > 6" from core, before and after going through the core. $+0.4$ $0.0310 - 0.2510$ Select R ₀ for best transfer characteristics curve for both windings. $+5.0$ $0.4375 - 0.8375$ Transfer Characteristics (IB – Test with Ic open Circuit and Ro in place): $+20$ $2.350 - 2.750$ Set IB to 20.0 mA \pm 0.5%, Vo = 1.27 to 1.31 VDC $+30$ $3.625 - 4.025$ Note:Substitute terminals 1 & 2 for a & b and 3 & 4 for c & d in the schematic $+40$ $4.900 - 5.300$							
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$		Dimensions are in inche tolerances are:Fractions $\pm 1/64$ Decimals $.XX = \pm 0.03$ $.XXX=\pm 0.010$	s, and Angles ${}_{\pm 5^{\circ}}$	TITLE Transfo FSCM	ormer, Curren	nt Monitor		