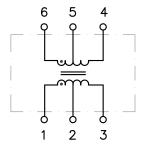


DIMENSIONS: Inch[mm]
CO-PLANARITY: 0.004[0.10]

TOLERANCES: ±0.005 INCH IF NOT SPECIFIED



PART NO.: TG04-HSD03NSLF

6PIN SMT ISOLATION TRANSFORMER

1.25GHz HIGH FREQUENCY BANDWIDTH

SUITABLE FOR HIGH SPEED LVDS SERDES APPLICATIONS

OPTIMIZED FOR USE IN 100 OHM IMPEDANCE SYSTEM

LEAD-FREE/RoHS COMPLIANT

COMPATIBLE TO LEAD-FREE SOLDERING PROCESS
CONDITION PER IPC/JEDEC J-STD-020C

UL/EN60950 AND DEMKO RECOGNIZED

OPERATING TEMPERATURE -40/+85°C

ELECTRICAL SPECIFICATIONS @25°C

TURNS RATIO	1CT:1CT					
OCL P1-3	3.75µH min					
DCR P1-3	0.3Ω max					
LL P1-3	0.1µH max					
Cw/w	25pF max					
RISETIME (10-90%)	280ps typ					
ISOLATION	1,500Vrms					



ROH

HALO/PBL	TITLE	TITLE ISOLATION TRANSFORMER			SIGNATURES		DATE	REV. DESC.			DATE
	FOR HIGH SPEED DATA RATE			DRAWN	LI ZHI ZHONG	1/4/20	Α	PROD.	RELEASE	1/4/20	
				CHECKED	VINCE ZHANG	1/4/20					
CALIFORNIA, USA KOWLOON, HONG KONG SINGAPORE	PART NO. TG04—HSD03NSLF			APPROVED	PETER LU	1/4/20					
	SCALE	NONE	PAGE	1 of 1	FILE	HSD03NSLF.DWG					

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TG04-HSD03NSLF