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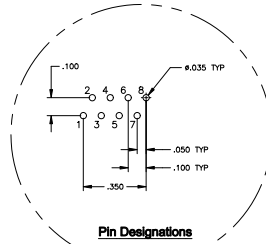
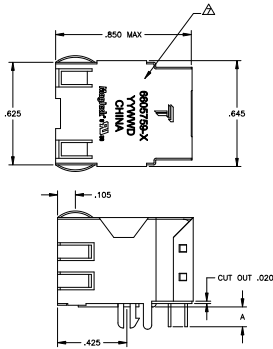
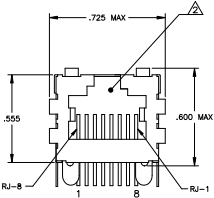
For any questions, you can email us directly:
sales@integrated-circuit.com

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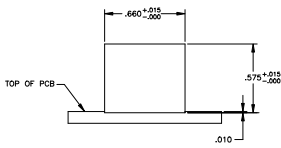
PRODUCT MAY BE PROTECTED BY ONE OR MORE OF THE FOLLOWING US PATENTS:
 6736910-5939956-6426781-6428361-6584638-6840817-7123117
 7429195 7717749 7808751 6217391 6149050 7924130

REVISIONS			
REV	DESCRIPTION	DATE	BY / PWD
G	EC-1411533 COMPANY LOGO CHANGE	02/04/2016	HY / KZ

MECHANICAL:

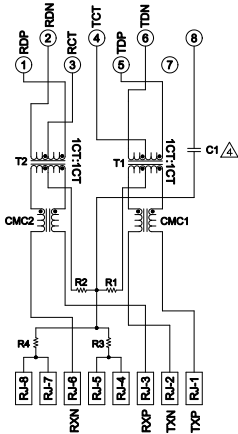


Pin Designations

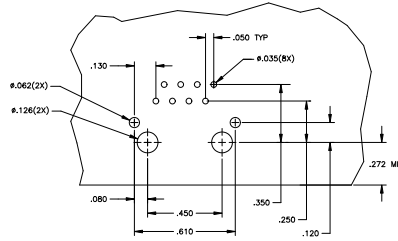


Suggested Panel Cutout

726 SERIES MAGNETIC CIRCUIT



C1 = 1000 pF, 2kV DECOUPLING CAPACITOR
 R1-R4 = 75 OHMS, 1/16W RESISTORS.



Suggested PCB Layout (Component Side)

MATERIALS:

- HOUSING - THERMOPLASTIC PET POLYESTER FLAMMABILITY RATING UL 94V-0.
- SHIELD - 0.010" THICK, C26800 BRASS PREPLATED WITH 30µINCH MIN SEMI-BRIGHT NICKEL. SOLDER TABS POST DIPPED WITH 100µINCH MIN SAC SOLDER.
- MOD JACK CONTACTS - 0.0157" x 0.018" PHOSPHOR BRONZE, 50µINCH MIN OVERALL NICKEL UNDERPLATE, WITH SELECT 50µINCH MIN HARD GOLD FINISH PLATE. SOLDER TAILS WITH 100µINCH MIN MATE Tm AND/OR SAC SOLDER DIP.

MAGNETICS

- IMPEDANCE: 100 OHMS
- TURNS RATIO (CHIP-CABLE): TX = 11, RX = 11
- OPEN CIRCUIT INDUCTANCE (OCL): 350µH MIN @100kHz, 0.1VRMS, 8mADC BIAS FROM 0°C TO 70°C, TX AND RX
- PERFORMANCE @ 25°C:
- INSERTION LOSS (IL): 1.1dB MAX FROM 0.5MHz TO 100MHz
- RETURN LOSS (RL): 18dB MIN FROM 0.5MHz TO 30MHz
- 18-20LOG(f/30)dB MIN FROM 30.1MHz TO 60MHz
- 12dB MIN FROM 60.1MHz TO 80MHz
- CROSSTALK ATTENUATION: 35dB MIN FROM 0.5MHz TO 40MHz
- 33-20M LOG(f/50)dB MIN FROM 40.1MHz TO 100MHz
- COMMON MODE REJECTION RATIO (CMRR): 30dB MIN FROM 0.5MHz TO 100MHz
- ISOLATION VOLTAGE: 2250VDC (MAX) FOR 60 SECONDS WITH A RISE TIME OF 500V/SEC.

IF NO CAPACITOR, TRACE IS CONTINUOUS.

5. OPERATING TEMPERATURE: FROM 0° TO +70°C.

INDICATED CONNECTIONS ARE FOR NIC CONFIGURATION. THE MAGNETICS ARE SYMMETRIC TO SUPPORT AUTO-MID/MIX.

TRP CONNECTOR LOGO, PART NUMBER, DATE CODE, COUNTRY OF ORIGIN AND AGENCY APPROVAL MARKING IN APPROXIMATE LOCATION SHOWN.

THESE PARTS ARE RECOMMENDED FOR WAVE SOLDERING PROCESS. PEAK WAVE SOLDERING TEMPERATURE IS 265°C MAX, 10 SECONDS MAX.

OBsolete PARTS: OBsolete CIS STREAMLINING PER D.RENAUD/D.SINISI

OBsolete	.090±.010	YES	6605759-1
OBsolete	.145±.010	NO	6605759-2
OBsolete	.145±.010	YES	6605759-1

THIS DRAWING IS A CONTROLLED DOCUMENT.		REV. VARSA - DOCKETS		REV. VARSA - DOCKETS		REV. VARSA - DOCKETS	
REVISIONS	DATE	BY	CHKD	DATE	BY	CHKD	DATE
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PART NO: 108-2100		CUSTOMER DRAWING		PART NO: 6605759		REV: A	