



- NOTE:
- ELECTRICAL CHARACTERISTICS:
 - CURRENT RATING : 1A Max./PER PIN.
 - CONTACT RESISTANCE: 30mΩ MAX (INITIAL).
 - INSULATOR RESISTANCE: 100MΩ MIN.
 - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC;
 - OPERATION TEMPERATURE: -40 °C ~ +105 °C;
 - MECHANICAL CHARACTERISTICS:
 - DURABILITY : 30 CYCLES.
 - HEADER PIN RETENTION FORCE: 2.94N MIN.
 - RECOMMENDED PCB THICKNESS IS 1.60mm.
 - THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW.
 - LEAD FREE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DISCRIBLED IN GS-22-008.
 - PRODUCT SPECITICATION: GS-12-1610;
 - PACKAGE SPECITICATION: GS-14-2615;
 - PART NUMBER:

10157547-X X XX X X LF

PLATING: 0=PLATING Tin PITCH: 1=1.25mm

COLOR: 0=NATURAL TYPE: S=SINGLE/ROW

1=BLACK

PIN NO.: XX=02~15 PIN

RECOMMENDED PCB LAYOUT
GENERAL TOLERANCE +/-0.05

PIN NO	DIM.'A"	DIM.'B"	DIM.'C"	DIM.'D"
09	14.95	12.70	10.50	10.00
08	13.70	11.45	9.25	8.75
07	12.45	10.20	8.39	7.50
06	11.20	8.95	6.75	6.25
05	9.95	7.70	5.50	5.00
04	8.70	6.45	4.25	3.75
03	7.45	5.20	3.00	2.50
02	6.20	3.95	N/A	1.25

No.	Component	Material	Q'ty	Remark
3	Hold-down	Copper Alloy,Matte Tin Over Ni Plate	2	
2	Terminal	Copper Alloy,Matte Tin Over Ni Plate	N	
1	Housing	Hilght Temperature Thermoplastic Natural ,UL94V-0	1	

mat'l. code		surface tolerance		projection		product family	
		ISO 1302 ✓ ISO 406 ISO 1101		mm		HPL 542	
ltr		date		tolerances unless otherwise specified		title	
A		2020/07/23		angles linear .0±.30 .00±.20 .000±.10		HEADER ASSEMBLY Multipitch WTB	
dr		Arthur Zhao		scale N/A		dwg no sheet 1 of 1 size	
engr		Arthur Zhao		Amphenol FCI		10157547 A3	
chr		Nick ZHANG				type Product Customer Drawing	
appd		Tim Yao					
sheet index		revision sheet					