



RECOMMENDED P.C.B LAYOUT
TOLERANCES: ±0.05mm

Current Rating: 3 Amps
 Insulator Resistance: 5000 Megohms min
 Contact Resistance: 20 m ohms max
 Dielectric Withstanding: AC 1000 V
 Operating Temperature: 40° ~ +85° C
 Max Processing Temp: 230°C for 60 seconds
 260°C for 10 seconds
 Contact Material: Phosphor Bronze
 Insulator Material: High Temperature
 Thermoplastic.U.L 94V-0

Finish: Tin,Gold Plated
 Note:
 Duplex Plating: Gold Plated on contact area,
 Tin on solder area

PART NO.
 309 A E XX S X N S 04 0 X 3
 1 2 3 4 5 6 7 8 9 10 11 12

- | | |
|---|---|
| 1.SERIES NO. | 7.ROW TYPE |
| 2.TYPE:
A=DIP | N=Single Row(H=8.50mm) |
| 3.GREEN OPTION:
E=RoHS(Bright) | 8.CONTACT OPTION:
S=Straight(Three Mating Contact) |
| 4.CONTACT NUMBER:
02~40 | 9.CONTACT LENGTH:
04=3.0mm |
| 5.CONTACT TYPE:
S=Female(PA6T) | 10.PROCESS OPTION:
0=W/O Nose(Fully Loaded) |
| 6.CONTACT AREA PLATING:
G=Gold Flash | 11.PACKAGE OPTION
A=TRAY |
| | 12.INSULATOR COLOR:
3=Black |



UNLESS OTHERWISE SPECIFIED TOLERANCE
 ±0.2
 SCALE: AS SHOWN UNIT: mm

the vital component

REV.	DESCRIPTION	DATE	SIZE	REV.	FILE NAME:
1	2	3	4	5	6
A	ECN-1702028(Vicky)Change P/N	02/22/2017	A4	C	309AEXXSXNS040X3
B	ECN-1005137(Sylvia)	05/31/10			309AEXXSXNS 40X3(C6)
A	DRA-0701011(Dean)	01/05/07			

DRAWN	PEARL	02/22/2017
CHECKED	/ /	
APPROVED	/ /	

DRAWN NAME:	Female Header
(Pitch: 2.54 mm)	
PRODUCT NO.	309AEXXSXNS040X3
FILE NAME:	309AEXXSXNS 40X3(C6)