

RoHS compliant

# SPECIFICATION

Current Rating: 3 Amp  
 Insulation Resistance: 5000 Megohms min  
 Contact Resistance: 20 m ohms Max  
 Dielectric Withstanding: AC 500 V  
 Operating Temperature: -65 ° C to +125° C  
 Contact Material: Phosphor Bronze  
 Insulator Material: High Temperature Plastic  
 UL94V-0

## Processing

Max Processing Temp: 260 ° C for 6 seconds

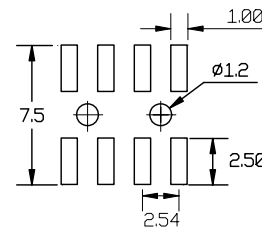
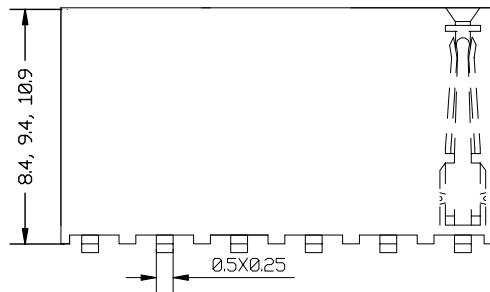
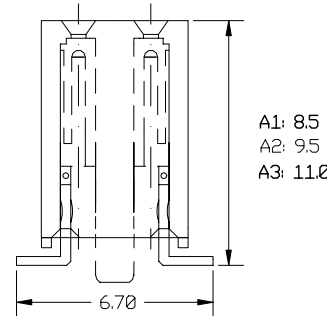
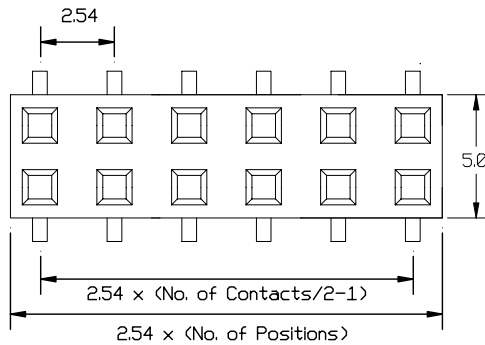
SMT Lead Coplanarity:  
 (0.10mm)004"max (10-50)  
 (0.15mm)006"max (52-80)

Ordering Code:


EF509- X - X - X - X  
 ① ② ③ ④ ⑤

- ① Series No:
- ② No. of Contact  
04 TO 80
- ③ Connector Type
- ④ Contact Plating  
H: Gold Flash/Tin  
I: 5u" Gold/Tin  
J: 10u" Gold /Tin  
K: 15u" Gold /Tin  
L: 30u" Gold/Tin
- ④ Special Function  
0: W/O Locating Peg  
1: With Locating Peg
- ⑤ Code Packing  
A: Tube  
B: Pad+Tube  
C: Pad+T&R

A1: 8.5mm  
 A2: 9.5mm  
 A3: 11.0mm



Recommended P.C.Board  
SMT Layout

UNLESS OTHERWISE SPECIFIED TOLERANCE		 <small>www.allconnectors.eu   info@allconnectors.eu Tel: +49 (0)711 / 356 110 20   Fax: +49 (0)711 / 356 110 25</small>
ANG. 0. 0 ±0.25 .00 ±0.2		
SCALE: AS SHOWN	UNIT: mm	
DRAWN	CHECKED	TITLE: 2.54mm Female Header Dual Row , SMT Type
APPROVED	DATE	DRAWN NO: EFS09-XXXX-1
REV	DESCRIPTION	PRODUCT NO. EFS09-XXXX

REV

DESCRIPTION

DATE

PRODUCT NO. EFS09-XXXX