

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:  $(0.10\text{mm})004''\text{max}$  (03-40)

Ordering Code:

EF506- X - X - X - X - X  
 ① ② ③ ④ ⑤ ⑥

① Series No:

② No. of Contact  
 04 TO 40

③ Connector Type

A1: Type A1  
 A2: Type A2  
 B: Type B  
 C1: Type C1  
 C2: Type C2

④ Contact Plating

A: Gold Flash H: Gold Flash/Tin  
 B: 10u" Gold I: 5u" Gold/Tin  
 C: 15u" Gold  
 D: 30u" Gold  
 T: Tin Plated  
 E: 3u" Gold

⊗ Standard: A type: H  
 B&C type: A

⑤ Code Packing

A: Tube  
 B: Pad+Tube (Type A only)  
 C: Pad+T&R (Type A only)

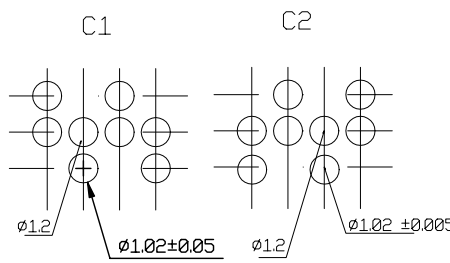
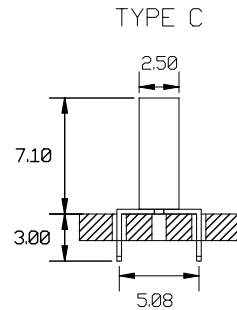
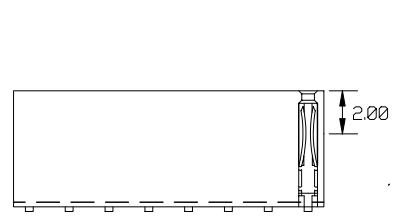
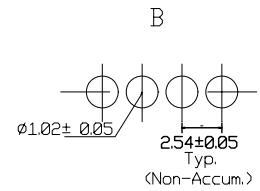
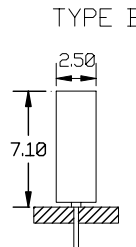
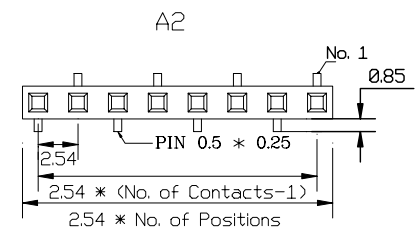
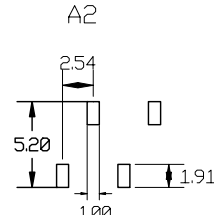
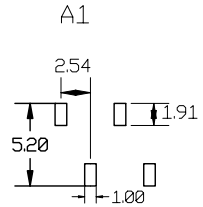
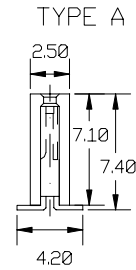
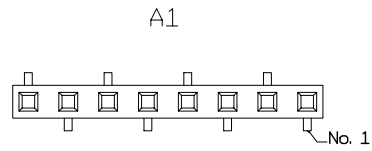
UNLESS OTHERWISE SPECIFIED TOLERANCE  
 ANG.  
 0.  
 0 ±0.25  
 00 ±0.2  
 SCALE: AS SHOWN UNIT: mm

**All Connectors**

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DRAWN  
 CHECKED  
 APPROVED

TITLE: 254mm Female Header  
 Single Row , Profile: 7.1mm  
 DRAWN NO: ES06-XXXX-1  
 PRODUCT NO. EFS06-XXXX



Recommended P.C.Board  
 SMT Layout

REV	DESCRIPTION	DATE