

TYPE F MALE CONNECTOR WITH CODING DEVICE

PHYSICAL PROPERTIES

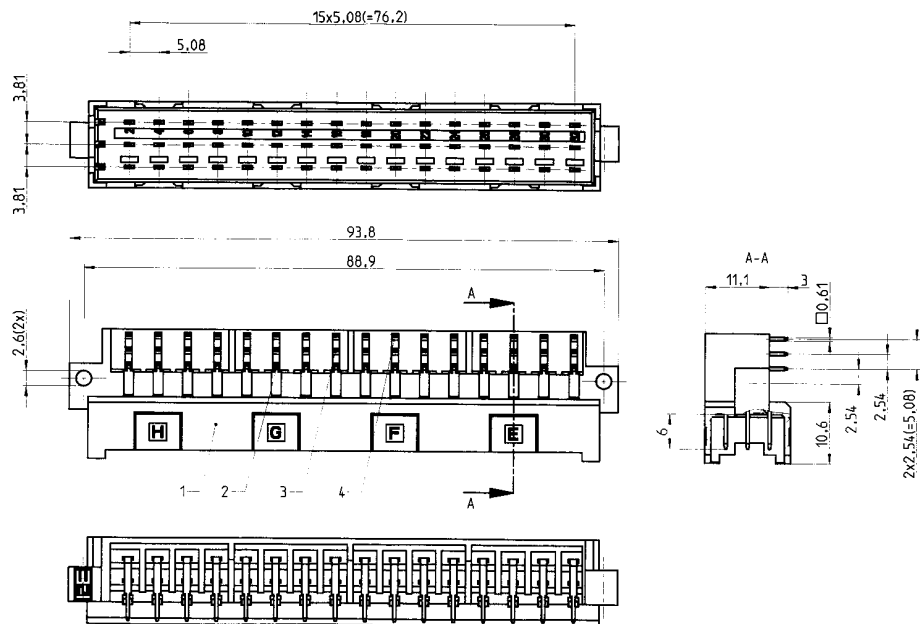
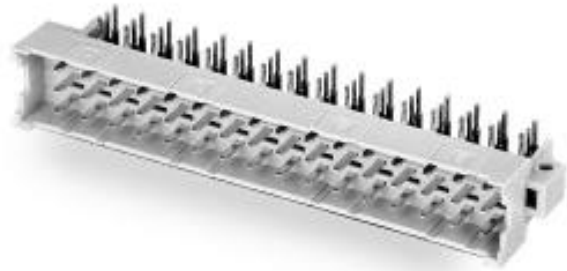
HOUSING MATERIAL: PBT
 COLOR: Beige
 FLAMMABILITY: UL94V-0
 INSERTION AND WITHDRAWAL FORCE: 75 N max. for 48 contacts; 50 N max. for 32 contacts

ELECTRICAL PROPERTIES

MAX. OPERATING CURRENT: 6 A (according to derating curve)
 TEST VOLTAGE: 50 Hz; 1 min
 CONTACT TO MASS: 2500 V
 CONTACT TO CONTACT: 1550 V
 CREEPING CURRENT STRENGTH: CTI275/CTI175M per DIN IEC 112

ENVIRONMENTAL PROPERTIES

OPERATING TEMPERATURE RANGE: -55° C to 125° C
 AIRSPACE: ≥ 1,6mm
 LEAKAGE PATH: ≥ 3mm
 CONTACT RESISTANCE: ≥15 mΩ
 INSULATION RESISTANCE: ≥10¹² Ω



Ordering Information

# OF CONTACTS	PERFORMANCE LEVEL	SOLDER PIN 90° W/O EXTENDED PIN	SOLDER PIN 90° EXT. PIN POS. Z32	DESCRIPTION
48-Pin	1	FM48 W1C	FM48 W1Z32C	3 Rows (marked z, b, d)
	2	FM48 W2C	FM48 W2Z32C	
	3	FM48 W2C	FM48 W2Z32C	
32-Pin	1	FM32 ZBW1C	FM32 ZBW1Z32C	2 Rows, 1 Blank (marked z, d)
	2	FM32 ZBW2C	FM32 ZBW2Z32C	
	3	FM32 ZBW3C	FM32 ZBW3Z32C	
32-Pin	1	FM32 ZDW1C	FM32 ZBW1Z32C	2 Rows, 1 Blank (marked z, b) Distance between z & b is 2.54 mm
	2	FM32 ZDW2C	FM32 ZBW2Z32C	
	3	FM32 ZDW3C	FM32 ZBW3Z32C	
32-Pin	1	FM32 ZB-DW1C	FM32 ZB-DW1Z32C	2 Rows, b row on top routed to d row on bottom Distance between z & b/d is 5.08 mm
	2	FM32 ZB-DW2C	FM32 ZB-DW2Z32C	
	3	FM32 ZB-DW3C	FM32 ZB-DW3Z32C	