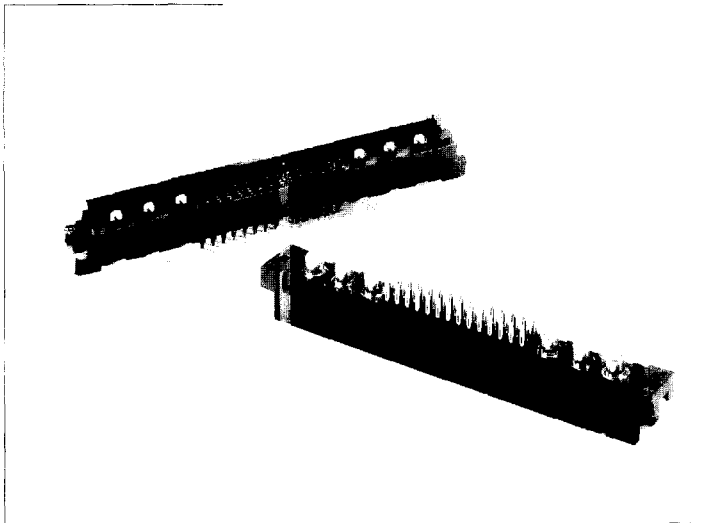


DIN Connectors

Pre-Assembled Mixed Signal/Power Compliant Pin Plug



MATERIAL AND PLATING

- HOUSING: Black Thermoplastic UL94 V-0
- SIGNAL CONTACTS: Copper alloy
- POWER CONTACTS: Copper alloy
- SIGNAL PLATING: B - .000030 (.00076) gold in contact area, tin lead on tails with .000050 (.00127) nickel underplate all over
- POWER PLATING: .000200 (.00508) tin lead

PERFORMANCE CHARACTERISTICS

- BOARD INSERTION FORCE: 45 lbs (200N) max/contact for compliant section
- BOARD RETENTION FORCE: 6.75 lbs (30N) min (initial) for compliant section
- MATING AND GENERAL SPECIFICATIONS: PAGE 5
- DE-RATING CURVE: PAGE 7



We pioneered this industry accepted mixed power/signal connector system to maximize cost efficiency and minimize total installed cost. This series is supplied with pre-assembled, wave solderable, screw machined power contacts capable of carrying up to 30 amps (20 amps continuous). First make/last break power contact variations are also available. The design is DIN 41612 based and is intermateable with DIN 41612 Style M connectors equipped with power contacts.

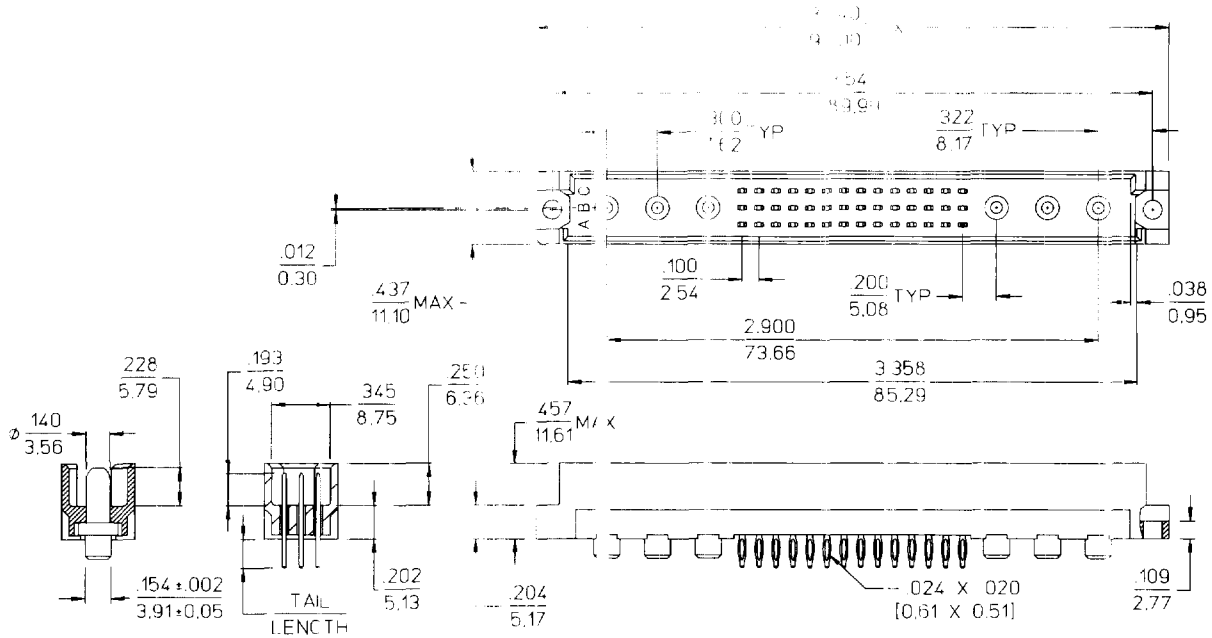
How to order

Series	RPI	U	0	P	22
.100 Spacing					
Contact Loading	0 = Rows A, B, C Fully Loaded 1 = Rows A, B Fully Loaded 2 = Rows A, C Fully Loaded				
Plug					

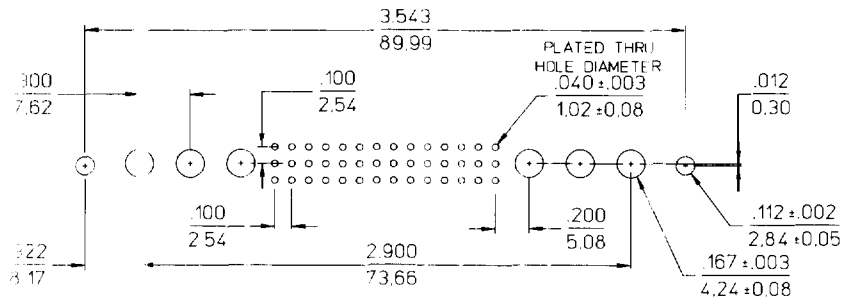
Contact	15 = Signal Contacts = .175" (4,45 mm)	Power Contacts = .118" (3,00 mm)
Tail Length	22 = Signal Contacts = .175" (4,45 mm)	Power Contacts = .187" (4,75 mm)

DIN Connectors

Pre-Assembled Mixed Signal/Power Compliant Pin Plug



Recommended Printed Circuit Board Layout



* FOR SIZES NOT SHOWN, REPLACE EACH POWER CONTACT WITH 9 SIGNAL CONTACTS AS NEEDED.

NUMBER OF SIGNAL/POWER POSITIONS	SIGNAL ROWS LOADED	CONTACT PLATING (µin GOLD)	PART NUMBERS		CONTACT ARRANGEMENT
			TAIL LENGTH		
			.175" (4.45) Signal .118" (3.00) Power	.175" (4.45) Signal .187" (4.75) Power	
42/6	A. B. C	30	RPI42U30CF B15	RPI42U30CPB22	
60/4	A. B. C	30	RPI60U30CF B15	RPI60U30CPB22	
78/2	A. B. C	30	RPI78U30CF B15	RPI78U30CPB22	