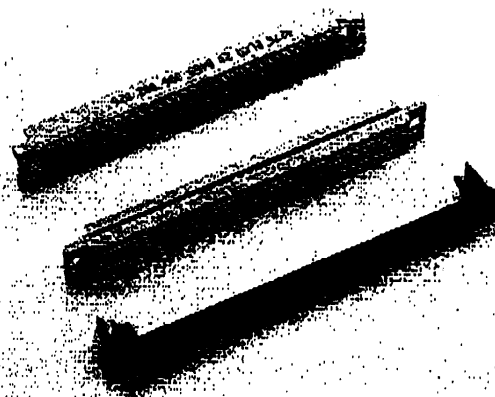


Series 8459

Series 8459 IDC DIN connector are based on DIN 41612. This series is loaded with 64 contacts in 2 rows of 32 in rows "A" and "C". Also available is a 1/2 "C" version, with 2 rows of 16 contacts, also loaded in rows "A" and "C". A strain relief is available as an option. Use of the Series 2521 accessory, which is optional, provides a connector latch and eject system from inverted format shells. This connector series will mate with any industry standard DIN connectors that are loaded only in rows "A" and "C".



TECHNICAL SPECIFICATION

Material:

Molding - UL94VO rated grey polyester
Contact - Copper alloy

Contact Plating:

Gold over nickel

Current Rating per contact

at ambient +20°C 3 amp
+70°C 1.5 amp
+100°C 1 amp

Working Voltage:

350V DC or AC peak

Contact Resistance:

15 milliohms max.

Operating Temperature:

-55°C to +125°C

Insertion/Withdrawal Force (Mating):

1N max/0.2N min per contact

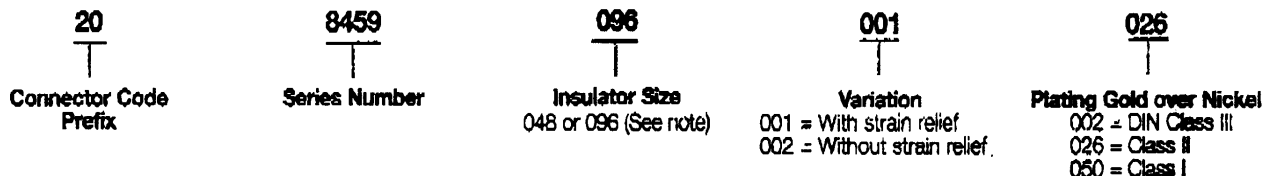
Wire Gauge:

26 AWG Solid & Stranded
28 AWG Solid & Stranded

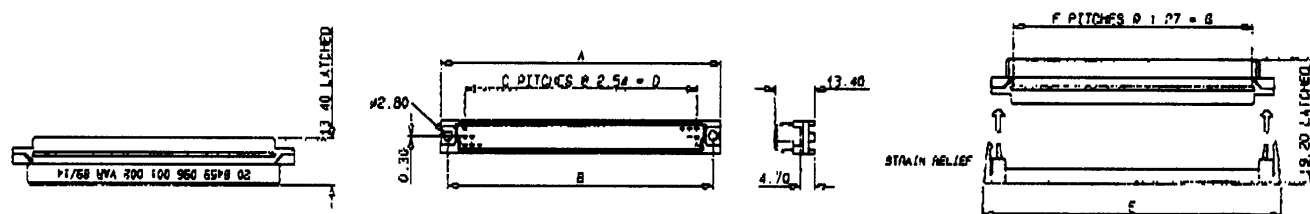
CUSTOMER APPLICATION TOOLING

A standard hand press set and platen is available. See page 27.

ORDERING CODE



Note: 96 position insulator fitted with 2 rows of 32 contacts, rows A and C.
48 position insulator fitted with 2 rows of 16 contacts, rows A and C.



DIMENSIONS: millimeters (inches)

Insulator Size	A	B	C	D	E	F	G
048 position (3 x 16)	54.90 (2.16)	50.00 (1.97)	15	38.10 (1.50)	60.00 (2.36)	31	39.37 (1.55)
096 position (3 x 32)	94.90 (3.74)	90.00 (3.54)	31	78.74 (3.10)	100.00 (3.94)	63	80.01 (3.15)