



IDT NONSHIELDED PLUG

DESCRIPTION

Insulation displacement nonshielded
plug (cable connector)

APPLICATION

For use in cable assemblies
connecting to 68-pin internal
SCSI-2 and SCSI-3 devices

FEATURES

Mates with 68-pin "Device"
(receptacle) SCSI "Pin & Socket"
type connectors
Mass terminates to .025" pitch
ribbon cable
Proprietary IDT design with a
two-piece cable guiding system
comprised of a grooved cover and
grooved retainer for fast, accurate,
and reliable mass-termination to
cable
Unique contact contour design
improves dielectric between IDT
contact and adjacent conductor
Complies with SCSI-3 requirements
Optional strain relief and latching
strain relief

PRODUCT SELECTION

Available as individual connectors or
custom cable assemblies

SPECIFICATIONS ENVIRONMENTAL

Temperature Range: -55°C to +105°C

MECHANICAL

Insulator Material:

Glass filled polyester, black,
UL94V-0

Contact Material: Copper Alloy

Contact Plating:

Mating Area: 30µ IN gold

Recommended Cable:

Wire Size: 30 AWG stranded/solid
Insulation: FEP, TPO, and PVC
Conductor Pitch: .025"

ELECTRICAL

Voltage Rating: 500 Vrms

Current Rating: 0.5 AMPS/conductor

Dielectric Withstanding

Voltage: 500 VDC for 1 minute

Insulation Resistance:

1000 Megohms min.

Contact Resistance:

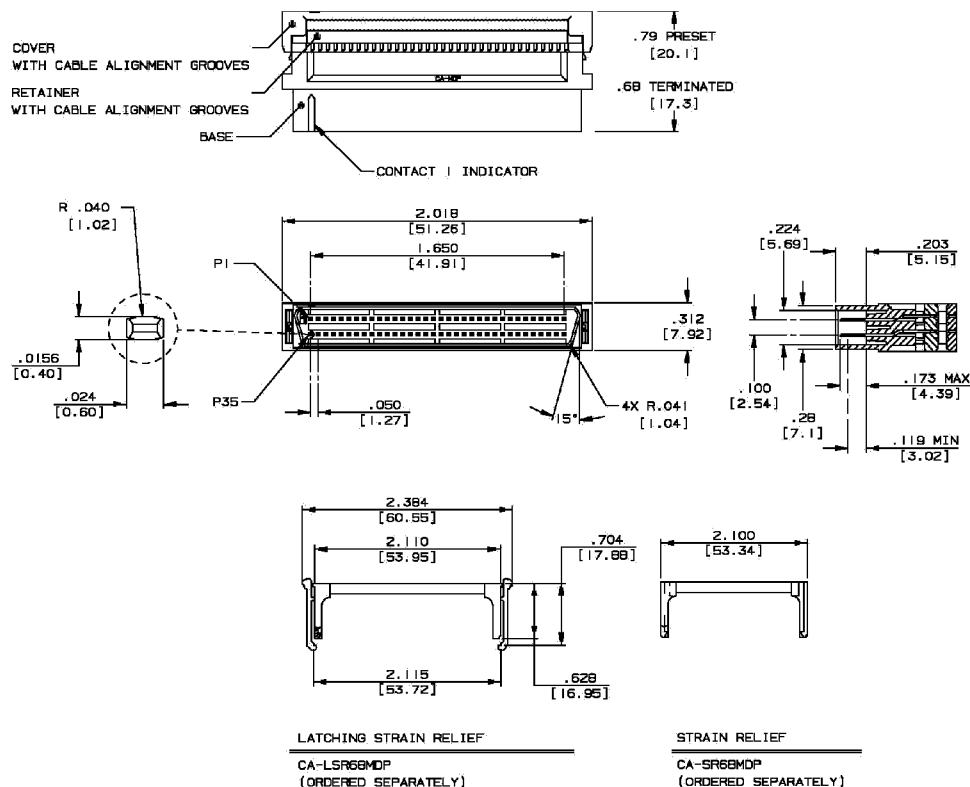
Less than 35 milliohms through
insulation displacement portion and
plug and socket interface

PHYSICAL

Physical Shock: 30G's EIA364-27

Durability: 500 cycles min.

Random Vibration: 10G's rms



No. of Positions	Part Number
	30µ IN gold
68	CA-68MDP-F

REFERENCE DOCUMENTATION

Assembly Instructions, Cable to Connector	CA-170016
Arbor Press	CA-120054
Base Plate	CA-120047
Insert	CA-120053-1
Product Drawing	CA-620368
Product Specification	CA-100247
Product Evaluation Test Report	CA-200021
IDT Evaluation Test Report	CA-200017