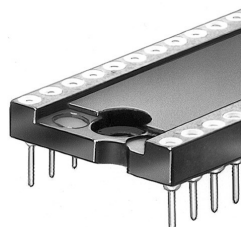


Data sheet Product DIL 16 E Z



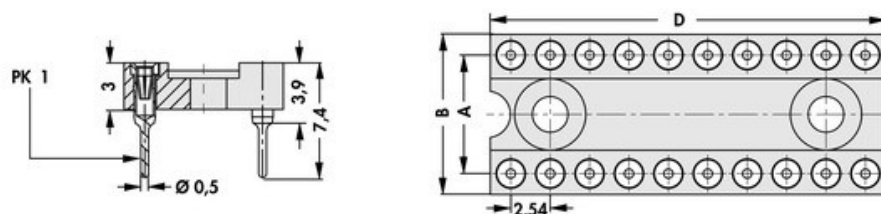
Sockets>High-precision sockets and plugs for DIL-IC
 Precision sockets and connectors for DIL-IC, closed frame

Features

no. of contacts:	16
contact material:	CuZn-alloy
contact spring:	gold-plated
surface contact / contact sleeve:	• Ni+$\geq 0.2\mu\text{m}$ Au • Ni+4...6μm Sn
inner contact spring material:	CuBe-alloy
inner contact spring surface:	Ni+0,25 μm Au
plugability for circuit points:	• 0,22x0,25mm... 0,4x0,55mm • $\varnothing 0,4\ldots 0,56\text{mm}$
insert depth:	2.5...3.6mm
insertion / drawing force:	• 1.8 N/1.4 N • 4 lamellas contact
shock resistance:	50 g
vibration resistance max.:	15 g
volume resistance:	10 m Ω
contact resistance:	4 m Ω
contact resistance after 1000 cycles:	7 m Ω
capacity between two adjacent contacts:	0,4 pF
nominal current:	1.5 A

nominal voltage:	150 V DC
test voltage:	1000 V
insulating body material:	PPS, GF
temperature range:	• -40°C... +200°C • (260°C/10 s)
class of inflammability:	UL 94 V-0
specific insulation resistance:	>10¹² Ω·m
surface of contact:	tin-plated
reflow solderable:	yes

Technical Drawing



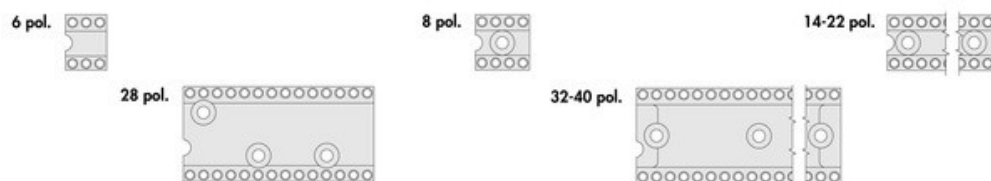
A: **7.62 mm**

B: **10.3 mm**

D: **20.4 mm**

Further Information

Socket layout for various numbers of contacts for DIL-IC, closed frame



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