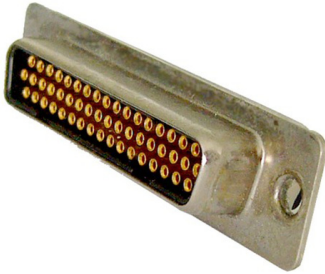


CON/KAD/004

Mating connector for CON/KAD/002/CP (female, DD, 52-way)

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Overview

The CON/KAD/004 is a 52-way Double-Density (DD) for use on jig assemblies as this connector mates with the CON/KAD/002/CP.

The part is supplied as a connector shell (with integral insulator) pre-populated with (52 x 22AWG) female socket contacts that have pigtail solder contacts at the rear of the connector.

Key Features

- KAD female connector as standard on KAD modules
- Includes connector shell and 52 x 22AWG socket contacts with pig tail contacts at rear
- Mating connector for CON/KAD/002/CP

Applications

- Jig assemblies

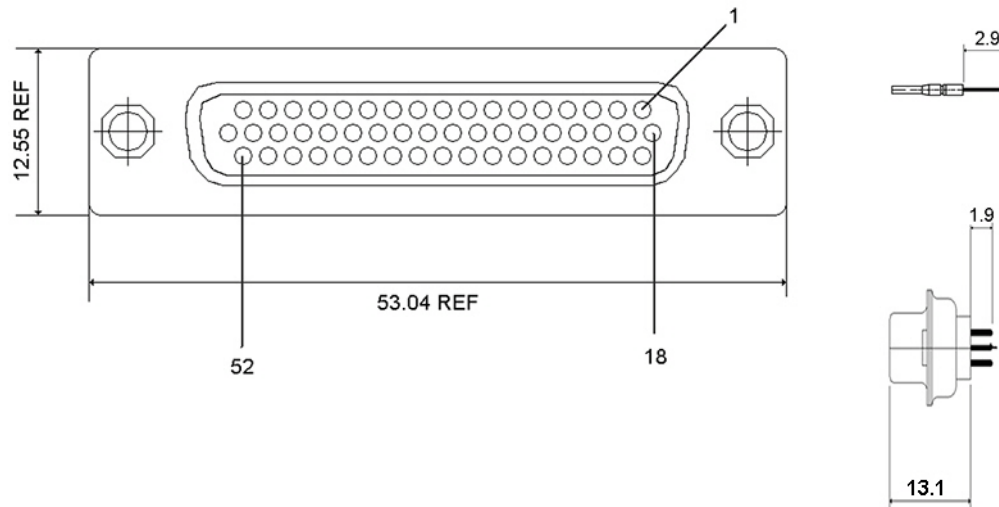


Figure 1: CON/KAD/004 front view

Specifications

TABLE 1		Mechanical specifications				
PARAMETER	MIN.	TYP.	MAX.	UNITS	CONDITION/DETAILS	
Mass						
connector	–	12	–	g		
connector	–	0.42	–	oz	Design metric is grams.	
Dimensions						
connector height	12.9	13	13.1	mm		
connector height	0.50	0.51	0.52	in.	Design metric is millimeters.	
connector length	52.9	53	53.1	mm		
connector length	2.1	2.1	2.1	in.		
connector width	12.5	12.6	12.7	mm		
connector width	0.5	0.5	0.5	in.		
Finish						
connector	–	–	–	–	Nickel-plated.	
socket contacts	–	–	–	–	Gold-plated copper alloy.	
pigtail solder contacts	–	–	–	–	Gold-plated copper alloy.	
integral isolator housing	–	–	–	–	Nylon.	

Getting the most from the CON/KAD/004

The 52-way female DD mating connector can be used to mate with the CON/KAD/002/CP on jig assemblies.

The CON/KAD/004 is pre-populated with 52 x 22AWG socket contacts that are also pre-fitted with 52 x pigtail solder contacts at the rear of the connector.

We recommend that 2 x 4-40 UNC jack posts be attached to the CON/KAD/004, so that the screws on the mating connector, CON/KAD/002/CP, can be inserted securely into it.

Ordering information

PART NUMBER	DESCRIPTION
CON/KAD/004	Mating connector for CON/KAD/002/CP (female, DD, 52-way)

Revision history

REVISION	DIFFERENCES	STATUS
CON/KAD/004	First release	Recommended for new programs

Related products

MODULE	DETAILS
CON/KAD/002/CP	Mating connector (DD, 52-way)

Related documentation

DOCUMENT	DETAILS
DOC/DBK/001	Acra KAM-500 Databook
DOC/MAN/018	KSM-500 Databook
DOC/HBK/002	Environmental Qualifications Handbook