D-SUB STANDARD

Solder pin - Straight - Precision machined contacts

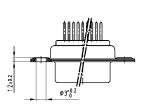


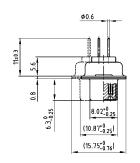
RoHS compliant – CSA listed, File No.: LR 115000-1 – UL listed, File No.: E202784

SOCKET CONNECTOR

No. of pos.	A -0.76	B -0.25	С
09	31.19	16.46	25.00 +0.12
15	39.52	24.79	33.30 + 0.15
25	53.42	38.50	47.04 ± 0.13
37	69.70	54.96	63.50 ±0.13
50	67.31	52.55	61.10 + 0.14

PCB layout: Kat1kFUA



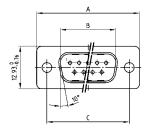


50 pos. = Dim. in (_ _)

DESCRIPTION.

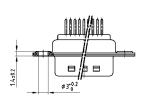
- Mounting styles:
 - with through-hole, Ø .118"/3 mm
 - with 4-40 UNC or M3 threaded insert
 - with 4-40 UNC or M3 threaded rear spacer
 - with 4-40 UNC or M3 front and threaded rear spacer
 - with 4-40 UNC front/M3 threaded rear spacer
 - with M3 front/4-40 UNC or M3 threaded rear spacer with PCB clip
 - with 4-40 UNC or M3 Front/Threaded rear spacer with PCB clip
- Quality class 3 (also available in quality class 1)
- Shell: Steel tin plated (brass tin plated or stainless steel available on request)

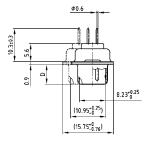
PLUG CONNECTOR



No. of pos.	A -0.76	B +0.25	С	D -0.3
09	31.19	16.79	25.00 +0.12	6.12
15	39.52	25.12	33.30 + 0.15	6.12
25	53.42	38.84	47.04 ± 0.13	5.99
37	69.70	55.30	63.50 ±0.13	5.99
50	67.31	52.68	61.10 +0.14	5.99

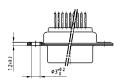
PCB layout: Kat1kFUA





50 pos. = Dim. in (_ _)

ORDER DATA



Socket connector		
No. of pos.	Mounting style	Part Number
09	Through-hole	164 A 10069 X
15	Through-hole	164 A 10079 X
25	Through-hole	164 A 10089 X
37	Through-hole	164 A 10099 X
50	Through-hole	164 A 10109 X

SOCKET CONNECTOR			
No. of pos.	Mounting style	Part Number	
09	4-40 UNC Threaded insert	164 A 10319 X	
15	4-40 UNC Threaded insert	164 A 10329 X	
25	4-40 UNC Threaded insert	164 A 10339 X	
37	4-40 UNC Threaded insert	164 A 10349 X	
50	4-40 UNC Threaded insert	164 A 10359 X	
09	M3 Threaded insert	164 A 10369 X	
15	M3 Threaded insert	164 A 10379 X	
25	M3 Threaded insert	164 A 10389 X	
37	M3 Threaded insert	164 A 10399 X	
50	M3 Threaded insert	164 A 10409 X	

Plug connector				
	No. of pos.	Mounting style	Part Number	
	09	Through-hole	163 A 11119 X	
	15	Through-hole	163 A 11129 X	
	25	Through-hole	163 A 11139 X	
	37	Through-hole	163 A 11149 X	
	50	Through-hole	163 A 11159 X	

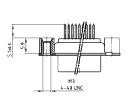
Plug connector		
No. of pos.	Mounting style	Part Number
09	4-40 UNC Threaded insert	163 A 11369 X
15	4-40 UNC Threaded insert	163 A 11379 X
25	4-40 UNC Threaded insert	163 A 11389 X
37	4-40 UNC Threaded insert	163 A 11399 X
50	4-40 UNC Threaded insert	163 A 11409 X
09	M3 Threaded insert	163 A 11419 X
15	M3 Threaded insert	163 A 11429 X
25	M3 Threaded insert	163 A 11439 X
37	M3 Threaded insert	163 A 11449 X
50	M3 Threaded insert	163 A 11459 X

D-SUB STANDARD - MOUNTING STYLES

SOCKET CONNECTOR

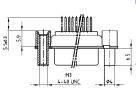
Solder pin – Straight – Precision machined contacts

ORDER DATA_



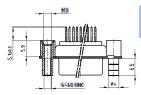
Socket connector			
No. of pos.	Mounting style	Part Number	
09	4-40 UNC Threaded rear spacer	164 A 12029 X	
15	4-40 UNC Threaded rear spacer	164 A 12039 X	
25	4-40 UNC Threaded rear spacer	164 A 12049 X	
37	4-40 UNC Threaded rear spacer	164 A 12059 X	
50	4-40 UNC Threaded rear spacer	164 A 12069 X	
09	M3 Threaded rear spacer	164 A 12079 X	
15	M3 Threaded rear spacer	164 A 12089 X	
25	M3 Threaded rear spacer	164 A 12099 X	
37	M3 Threaded rear spacer	164 A 12109 X	
50	M3 Threaded rear spacer	164 A 12119 X	

PLUG CONNECTOR			
No. of pos.	Mounting style	Part Number	
09	4-40 UNC Threaded rear spacer	163 A 13629 X	
15	4-40 UNC Threaded rear spacer	163 A 13639 X	
25	4-40 UNC Threaded rear spacer	163 A 13649 X	
37	4-40 UNC Threaded rear spacer	163 A 13659 X	
50	4-40 UNC Threaded rear spacer	163 A 13669 X	
09	M3 Threaded rear spacer	163 A 13679 X	
15	M3 Threaded rear spacer	163 A 13689 X	
25	M3 Threaded rear spacer	163 A 13699 X	
37	M3 Threaded rear spacer	163 A 13709 X	
50	M3 Threaded rear spacer	163 A 13719 X	



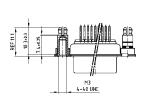
No. of pos.	Mounting style	Part Number
09	4-40 UNC Front/Threaded rear spacer	164 A 12129 X
15	4-40 UNC Front/Threaded rear spacer	164 A 12139 X
25	4-40 UNC Front/Threaded rear spacer	164 A 12149 X
37	4-40 UNC Front/Threaded rear spacer	164 A 12159 X
50	4-40 UNC Front/Threaded rear spacer	164 A 12169 X
09	M3 Front/Threaded rear spacer	164 A 12179 X
15	M3 Front/Threaded rear spacer	164 A 12189 X
25	M3 Front/Threaded rear spacer	164 A 12199 X
37	M3 Front/Threaded rear spacer	164 A 12209 X
50	M3 Front/Threaded rear spacer	164 A 12219 X

Plug connector			
No. of pos.	Mounting style	Part Number	
09	4-40 UNC Front/Threaded rear spacer	163 A 13729 X	
15	4-40 UNC Front/Threaded rear spacer	163 A 13739 X	
25	4-40 UNC Front/Threaded rear spacer	163 A 13749 X	
37	4-40 UNC Front/Threaded rear spacer	163 A 13759 X	
50	4-40 UNC Front/Threaded rear spacer	163 A 13769 X	
09	M3 Front/Threaded rear spacer	163 A 13779 X	
15	M3 Front/Threaded rear spacer	163 A 13789 X	
25	M3 Front/Threaded rear spacer	163 A 13799 X	
37	M3 Front/Threaded rear spacer	163 A 13809 X	
50	M3 Front/Threaded rear spacer	163 A 13819 X	



Socket connector		
No. of pos.	Mounting style	Part Number
09	4-40 UNC Front /M3 Threaded rear spacer	164 A 12919 X
15	4-40 UNC Front /M3 Threaded rear spacer	164 A 12929 X
25	4-40 UNC Front /M3 Threaded rear spacer	164 A 12939 X
37	4-40 UNC Front /M3 Threaded rear spacer	164 A 12949 X
50	4-40 UNC Front /M3 Threaded rear spacer	164 A 12959 X

PLUG CONNI	ECTOR	
No. of pos.	Mounting style	Part Number
09	4-40 UNC Front /M3 Threaded rear spacer	163 A 14439 X
15	4-40 UNC Front /M3 Threaded rear spacer	163 A 14449 X
25	4-40 UNC Front /M3 Threaded rear spacer	163 A 14459 X
37	4-40 UNC Front /M3 Threaded rear spacer	163 A 14469 X
50	4-40 UNC Front /M3 Threaded rear spacer	163 A 14479 X



SOCKE		
No. of	pos. Mounting style	Part Number
09	4-40 UNC Threaded rear spacer PCB clip	164 A 16569 X
15	4-40 UNC Threaded rear spacer PCB clip	164 A 16579 X
25	4-40 UNC Threaded rear spacer PCB clip	164 A 16589 X
37	4-40 UNC Threaded rear spacer PCB clip	164 A 16599 X
50	4-40 UNC Threaded rear spacer PCB clip	164 A 16609 X
09	M3 Threaded rear spacer PCB clip	164 A 16619 X
15	M3 Threaded rear spacer PCB clip	164 A 16629 X
25	M3 Threaded rear spacer PCB clip	164 A 16639 X
37	M3 Threaded rear spacer PCB clip	164 A 16649 X
50	M3 Threaded rear spacer PCB clip	164 A 16659 X

Plug connector					
No. of po	s. Mounting style	Part Number			
09	4-40 UNC Threaded rear spacer PCB clip	163 A 16159 X			
15	4-40 UNC Threaded rear spacer PCB clip	163 A 16169 X			
25	4-40 UNC Threaded rear spacer PCB clip	163 A 16179 X			
37	4-40 UNC Threaded rear spacer PCB clip	163 A 16189 X			
50	4-40 UNC Threaded rear spacer PCB clip	163 A 16199 X			
09	M3 Threaded rear spacer PCB clip	163 A 16209 X			
15	M3 Threaded rear spacer PCB clip	163 A 16219 X			
25	M3 Threaded rear spacer PCB clip	163 A 16229 X			
37	M3 Threaded rear spacer PCB clip	163 A 16239 X			
50	M3 Threaded rear spacer PCB clip	163 A 16249 X			

M3 4-40 UNC Ø4

No. of pos	s.Mounting style	Part Number
09	4-40 UNC Front/Threaded rear spacer PCB clip	164 A 16669X
15	4-40 UNC Front/Threaded rear spacer PCB clip	164 A 16679X
25	4-40 UNC Front/Threaded rear spacer PCB clip	164 A 16689X
37	4-40 UNC Front/Threaded rear spacer PCB clip	164 A 16699X
50	4-40 UNC Front/Threaded rear spacer PCB clip	164 A 16709X
09	M3 Front/Threaded rear spacer PCB clip	164 A 16719 X
15	M3 Front/Threaded rear spacer PCB clip	164 A 16729X
25	M3 Front/Threaded rear spacer PCB clip	164 A 16739X
37	M3 Front/Threaded rear spacer PCB clip	164 A 16749 X
50	M3 Front/Threaded rear spacer PCB clip	164 A 16759X

PLUG CON	PLUG CONNECTOR				
No. of po	s.Mounting style	Part Number			
09	4-40 UNC Front/Threaded rear spacer PCB clip	163 A 16259 X			
15	4-40 UNC Front/Threaded rear spacer PCB clip	163 A 16269 X			
25	4-40 UNC Front/Threaded rear spacer PCB clip	163 A 16279 X			
37	4-40 UNC Front/Threaded rear spacer PCB clip	163 A 16289 X			
50	4-40 UNC Front/Threaded rear spacer PCB clip	163 A 16299 X			
09	M3 Front/Threaded rear spacer PCB clip	163 A 16309 X			
15	M3 Front/Threaded rear spacer PCB clip	163 A 16319 X			
25	M3 Front/Threaded rear spacer PCB clip	163 A 16329 X			
37	M3 Front/Threaded rear spacer PCB clip	163 A 16339 X			
50	M3 Front/Threaded rear spacer PCB clip	163 A 16349 X			

PCB clip for .126"/3.2 \pm .004"/0.10 mm hole diameter and .063"/1.6 mm circuit board thickness.

PCB layout: Kat1kFUA

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