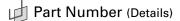
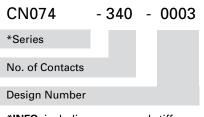
# AdvancedMC Connectors

# Series CN074 AdvancedMC<sup>™</sup> Connector for ATCA (Type A+B+ mid size)

100M $\Omega$ min. at 80V DC	
80Vrms	
$100\Omega\pm10\Omega$	
Differential pair conductors	= $375 m\Omega$
General purpose conductors	= 90m $\Omega$
Power conductors	= 90mΩ
Ground conductors	= 60mΩ
<1dB at 8GHz and <2dB at 12GHz	
<20dB at 5GHz and <13dB at 8GHz	
NE and FE <2%	
–55°C to +105°C	
200 times	
	$\begin{array}{l} 80 Vrms \\ 100\Omega \pm 10\Omega \\ Differential pair conductors \\ General purpose conductors \\ Power conductors \\ Ground conductors \\ <1dB at 8GHz and <2dB at 12 \\ <20dB at 5GHz and <13dB at \\ NE and FE <2\% \\ -55^{\circ}C to +105^{\circ}C \\ \end{array}$





\*INFO: including screws and stiffener

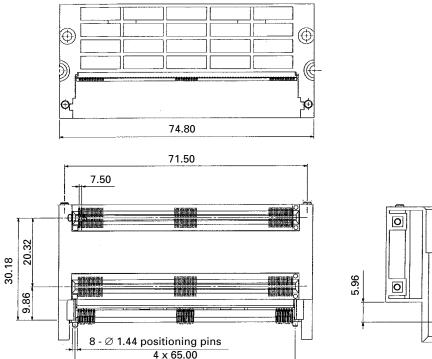
#### Materials

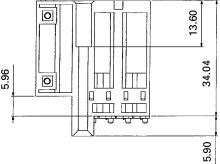
Case:	PA9T (UL94V-0), black
Housing:	LCP (UL94V-0), black
Contact:	Copper Alloy, Gold plating over Nickel
YFLEX:	LCP/Copper, Gold plating over Nickel
Screw:	Stainless
Stiffener:	Stainless, PA9T (UL94V-0), black



Features Suitable for 1U blade size

## Outline Connector Dimensions CN074-340-0003 (Type A+B+ mid size)





Top View from Connector

A YAMAICHI

## PCB Layout CN074-340-0003 (Type A+B+ mid size)

#### 75.00 70.30 65.00 84 x 0.75 = 63.00 e°. A85 00 00 00 🕁 o°a A86 o B85 B170 B86

### *B-8* Connectors

SPECIFICATIONS AND DRAWINGS ARE SUBJECT TO ALTERATION WITHOUT PRIOR NOTICE - DIMENSIONS IN MILLIMETER