

# V-CONNECT

## VC-X3MC : MALE XLR

### TECHNICAL INFORMATION

Title	VC-X3MC
Connection Type	XLR
Gender	Male

### ELECTRICAL

Contacts resistance	$\leq 3m\Omega$
Rated current per contact	16A
Rated voltage	$< 50VAC$
Capacitance between contacts	$\leq 4 pF$
Insulation resistance	$> 10G\Omega$ (initial) $> 1G\Omega$ (after damp heat test)
Dielectric strength	15kVDC

### MECHANICAL

Lifetime	$> 800$ mating cycles
Insertion force/Withdrawal force	$\leq 20N$
Applicable cable OD (mm)	3.5-8.0mm
Wiresize	1.5mm <sup>2</sup> -2.0mm <sup>2</sup>
Cable retention	$\geq 220N$
Locking device	Latch lock

### MATERIAL

Shell(Housing)	Zinc diecast(ZnAl4Cu1)
Shell plating	Nickel
Contact	Brass copper
Contact Plating	2 $\mu$ m silver
Latch/Locking element	Zinc alloy
Strain relief	POM
Bushing	PA/PVC

### ENVIRONMENTAL

Temperature range	-30 °C to +80 °C
Solderability	IEC 69-2-20

