

BNC Isolated Receptacle(PCB Mounting)

BNC-RD Series

DDK Ltd.

Conforming
Standard

MIL-PRF-39012

Lock Type

BNC

Characteristic
Impedance

Unmatched

Mounting
Type

DIP

FEATURE

- BNC-RD series is an isolated BNC receptacle connector for PCB mounting.
- The outer conductor and PCB are isolated by PBT resin housing.
- The ground contact is installed along the outer conductor and united with insulator adjacent to the contact.
- The tuning fork contact design for low cost.
- Horizontal and vertical mounting styles are available.
- The horizontal mounting height is 14.0mm from PCB surface.
- Varieties of applications such as, computer, communication and medical equipment.



SPECIFICATIONS

Characteristic Impedance	Unmatched
Rated Voltage	500VAC(r.m.s.)
Dielectric Withstanding Voltage	1500V AC(r.m.s.) / 1 minute
Insulation Resistance	5000M Ω (min.) at 500V DC
Operating Temperature	-55 ~ +85°C

MATERIAL / FINISH

Item	Material / Finish
Housing	PBT(UL94V-0)
Outer Conductor	Zinc Alloy / Ni Plating
Contact(Socket)	Copper Alloy
Insulator	PBT (UL94V-0)

RoHS
Compliant

BNC- ☐ ☐ RD- ☐ ☐ ☐ -FA

L : Right Angle
S : Straight

F : with Flange
N : without Flange

R : Receptacle

Deviation

FA: Lead Free

Contact Plating
A : Ag Plating
B : Au Plating

Panel Mounting Hex Nut, Lock Washer
A : with Hex Nut, Lock Washer
N : without Hex Nut, Lock Washer

P : Board Lock
S : Thread (Attached)

Housing Color
B : Black
W : White

Connector Style	Flange	Board Lock Type	Thread Type
Straight Style	with Flange	○	○
Right Angle Style	Less Flange	○	x
	with Flange	○	○

○ : available
x : not available

※ BNC-SFRD- ☐ P ☐ ☐ -FA: Straight Style, Board Lock Type

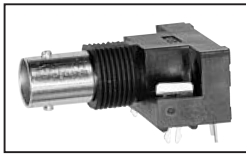
※ BNC-LFRD- ☐ S ☐ ☐ -FA: Right Angle Style, Thread Type

Panel Mounting Fitting	PCB Mounting Fitting
Lock Washer Hex Nut *Option	Pan-head Screw Hex Nut *Attached

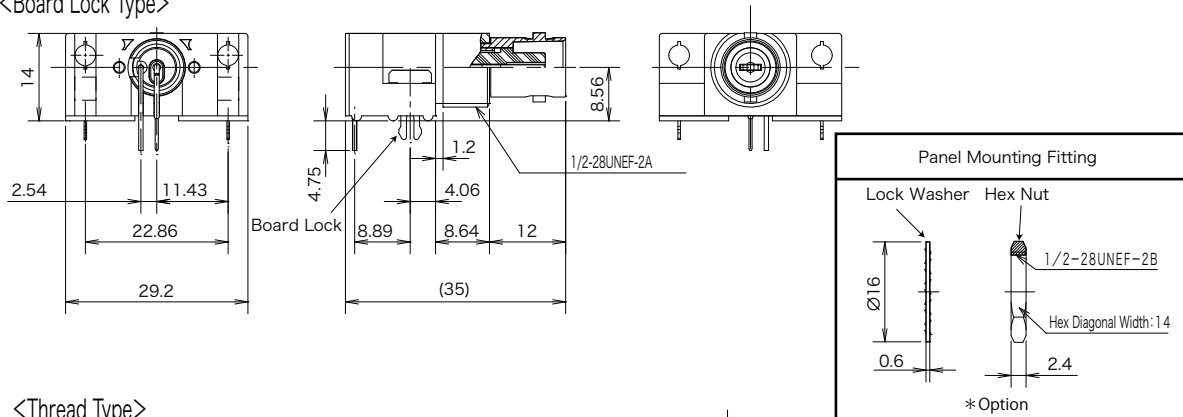
© Specifications and/or dimensions in this catalogue are subject to change without notice.

Your catalogue checking the latest specifications with our drawings would be highly appreciated.

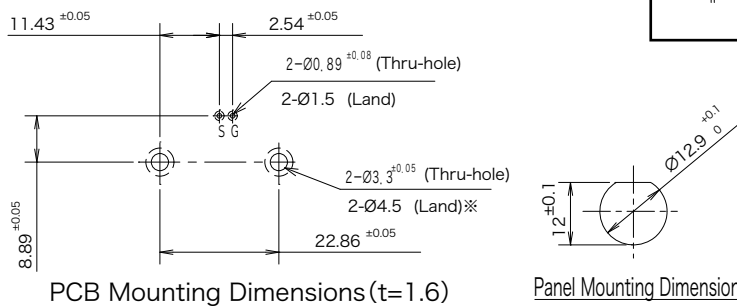
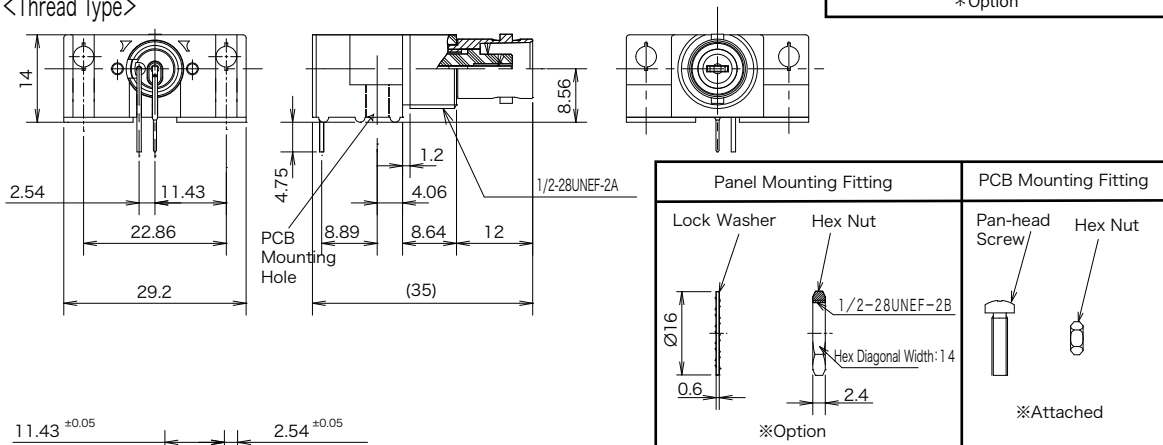
▶ Horizontal Mounting Style (with Flange)



<Board Lock Type>



<Thread Type>



Note ※ Board lock style requires $\phi 4.5$ land.

※ Board lock pins also requires soldering when mounting.

BNC-LFRD-□□□□-FA

Housing Color
B : Black
W : White

Contact Plating
A : Ag Plating
B : Au Plating

Panel Mounting Hex Nut, Lock Washer
A : with Hex Nut, Lock Washer
N : without Hex Nut, Lock Washer

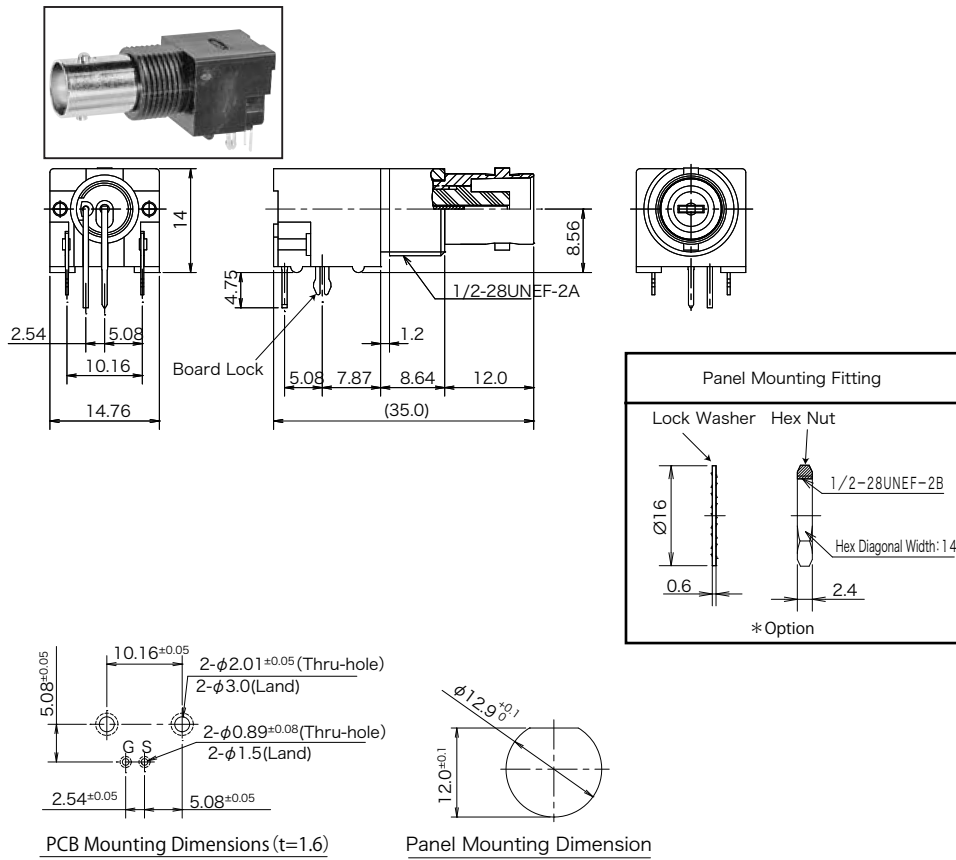
P : Board Lock
S : Thread (Attached)

© Specifications and/or dimensions in this catalogue are subject to change without notice.

Your catalogue checking the latest specifications with our drawings would be highly appreciated.

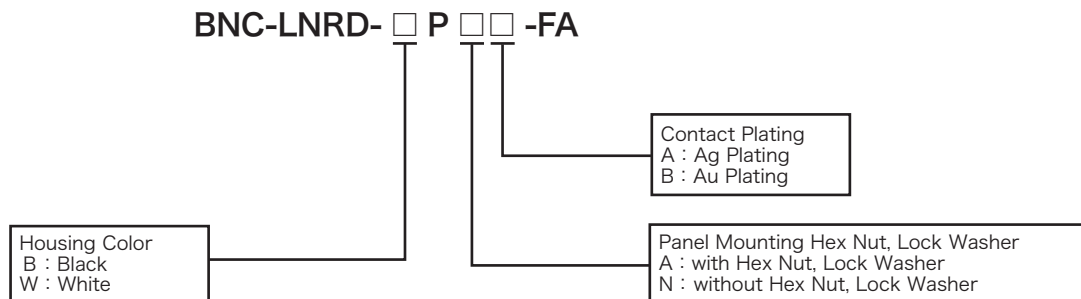
<http://www.ddknet.co.jp>

► Horizontal Mounting Style (without Flange)



※ Board lock style is only available.

※ Board lock pins also requires soldering when mounting.



© Specifications and/or dimensions in this catalogue are subject to change without notice.

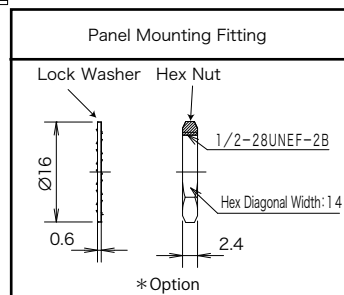
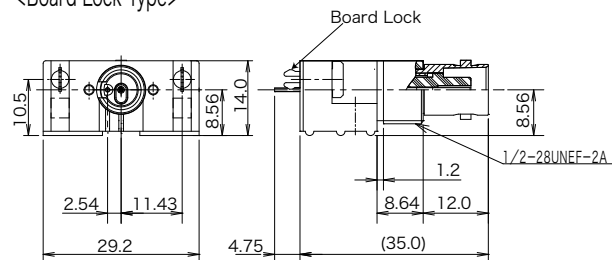
Your catalogue checking the latest specifications with our drawings would be highly appreciated.

<http://www.ddknet.co.jp>

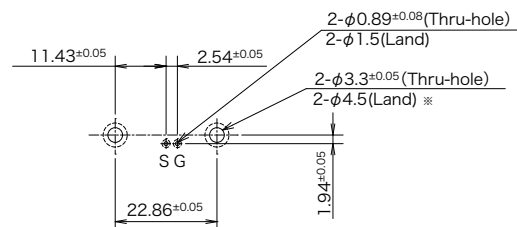
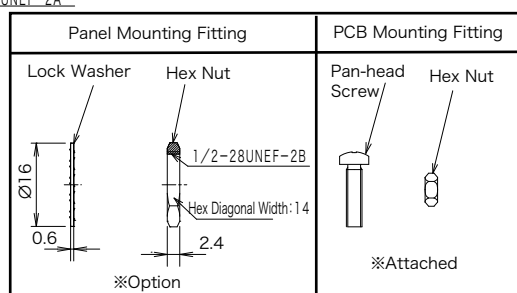
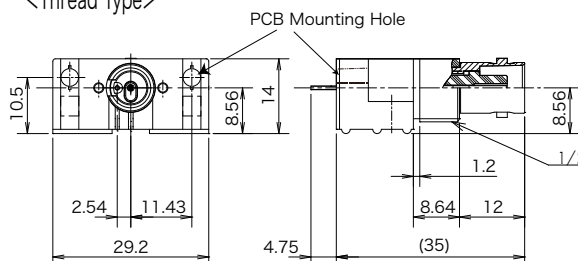
▶ Vertical Mounting Style (with Flange)



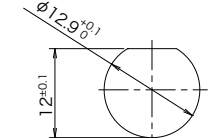
<Board Lock Type>



<Thread Type>



PCB Mounting Dimensions (t = 1.6)



Panel Mounting Dimension

Note ※ Board lock style requires φ 4.5 land.

※ Board lock pins also requires soldering when mounting.

BNC-SFRD-□□□□-FA

Housing Color
B : Black
W : White

Contact Plating
A : Ag Plating
B : Au Plating

Panel Mounting Hex Nut, Lock Washer
A : with Hex Nut, Lock Washer
N : without Hex Nut, Lock Washer

P : Board Lock
S : Thread (Attached)

© Specifications and/or dimensions in this catalogue are subject to change without notice.

Your catalogue checking the latest specifications with our drawings would be highly appreciated.

<http://www.ddknet.co.jp>