



**SPECIFICATION**  
**MATERIAL**  
 Insulator: Tmermal Plastic UL94V-0  
 Contacts: Copper Alloy  
**CONTACT PLATING**  
 Underplate: 50u"~100u" Nickel  
 Contact area: 1u"~30u" Selective gold  
 Solder tails area: 100u"~200u" Tin/Lead(Brighten Tin)or  
 100u"~200u" Tin/Lead Free(Brighten Tin/Matte Tin)  
**ELECTRICAL**  
 Operation voltage: 300 VDC Max.  
 Current rating: 1.0 Amps Max.  
 Contact resistance: 20 mohms Max.  
 Insulation resistance: 1000 Mohms min @ 500 VDC  
 Dielectric withstanding voltage: 1000 VAC / minute  
 Temperature range: -55°C TO +125°C  
 Part no.

609 GX2 X 30 F D S O X  
 1 2 3 4 5 6 7 8 9

1. SERIES NO.  
609=2.0mm (Future Bus)
- △ 2. Type:  
G02=Future Bus cable CONN. (26Awg)  
GA2=Future Bus cable CONN. (24Awg)
3. Environment Protection:  
MATERIAL:  
--General  
J=Sony SS-00259(Reserved)  
K=Sony SS-00259(Matte Tin) (Reserved)  
E=RoHS  
F=RoHS (Matte Tin)
4. CONTACT Number:  
30 Pin
5. Connector type:  
F=Female
6. Contact area plating:  
D=30u" Gold(Selective)
7. Process option:  
S=Strait 180°
- △ 8. Process option:  
O=Round Hole(Cable Tie)
9. INSULATOR COLOR:  
1=white(connector)  
4=gray(connector)



UNLESS OTHERWISE SPECIFIED TOLERANCE	
ANG.	±5°
0.	±0.5
.0	±0.3
.00	±0.2

**OXOC**  
 CHANT SINCERE CO.,LTD  
 TEL:886-02-86471251 FAX:886-02-86472962

REV.	DESCRIPTION	DATE	SIZE	REV.	FILE NAME
E	ECN-0701128(Andy)△(7,E)(9,D)	01/22/07	A4	7	609G02K30FDSOX
D	ECN-0612196(Andy)CHANGE OUTLINE	12/26/06	A4	8	609G02K30FDSOX
C	ECN-0610086(Andy)CHANGE OUTLINE	10/11/06	A4	9	609G02K30FDSOX

SCALE:	AS SHOWN	UNIT:	mm
DRAWN	CHERRY	DATE	01/22/07
CHECKED	Andy	DATE	01/22/07
APPROVED	Mark	DATE	01/23/07

DRAWN NAME: Future bus cable CONN.(5X6)  
 PRODUCT NO. 609GX2X30FDSOX  
 FILE NAME: 609G02K30FDSOX

