# XQ series
# Service manual

# XQ40

REVISION 1.0  Oct-2007

## 3-WAY FLOORSTAND SPEAKER

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## System Specifications

| | |
|---|---|
| Frequency Response | 45Hz~ 55K Hz |
| Sensitivity | 90dB @1W/m |
| Nominal Rating | 15~200W |
| Dimension (W x D x H) | 231x302 x1020 mm |
| Net Weight | 24.3kg / pcs |
| Finish | Birds-eye maple, Khaya mahogany and Piano BK |

## Woofer Specifications

| | |
|---|---|
| Rated Impedance | 8+/-1.6 ohms at 1V 300 Hz |
| Sweep Test | Sine Wave 5V at 20~20K Hz |
| Resonant Frequency (Fo) | 40 +/- 10Hz at 1V |
| Sensitivity | 89+/-2 dB/W/m |
| Frequency Response | Fo - 8K Hz |
| Rated Power Input | 50W |
| Power Test | 50W RMS/Channel<br>(The rated power is verified by performing power handling test by feeding rated output with IEC268-5 for 4 hours) |
| Heat Test | 60 $^{o}$C / % R.H. 24 hours |
| Humidity Test | 40 $^{o}$C 90~95% R.H. 24 hours |
| Main Magnet | Ø80 x Ø40x 18mm Ferrite |
| Bucking magnet | Ø70x Ø32 x 10mm Ferrite |
| Voice Coil Bobbin Material | kapton |
| Cone Material | Paper |
| Surround Material | Rubber |

## Mid-range Speaker Specifications

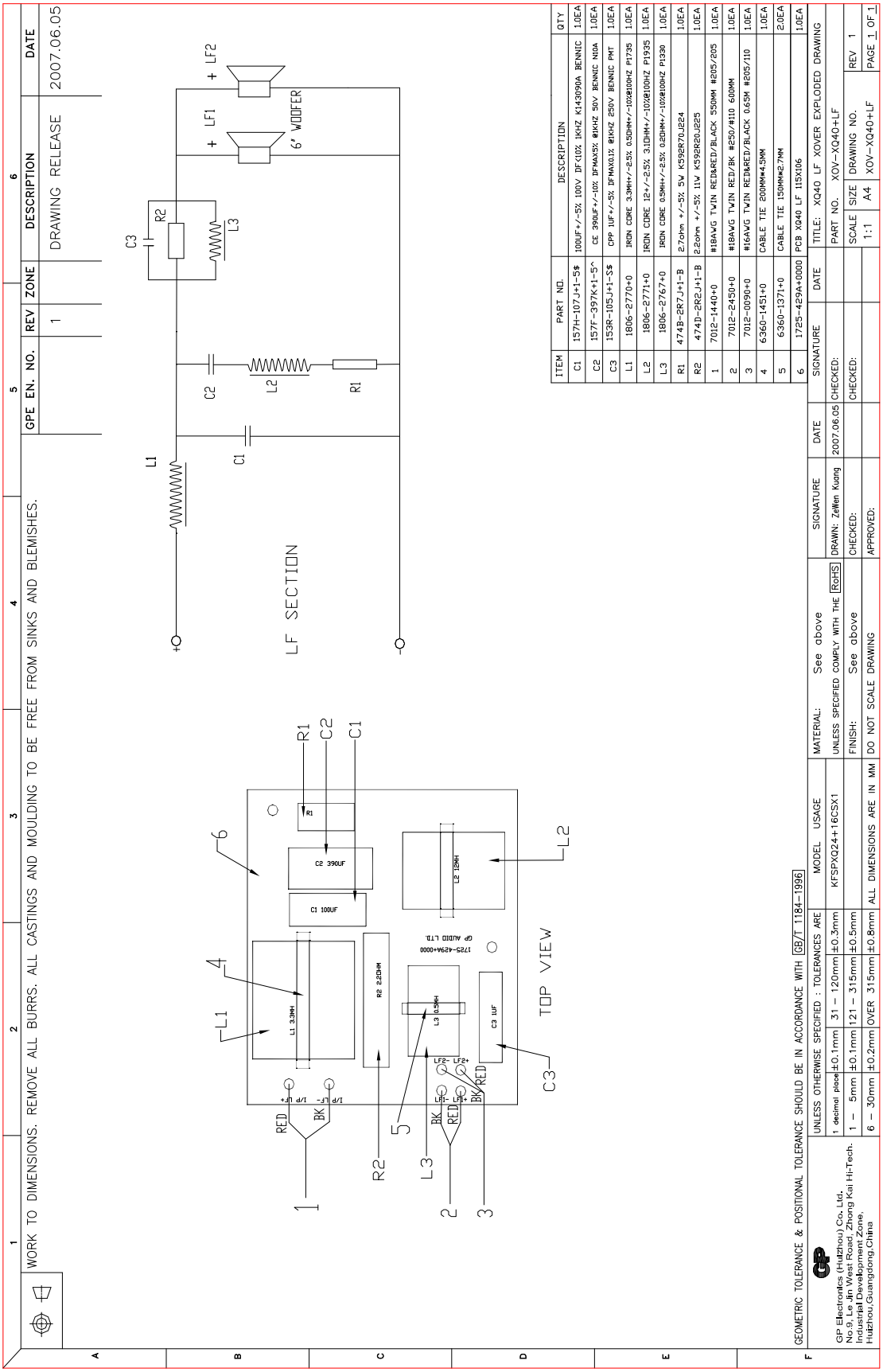
| | |
|---|---|
| Rated Impedance | 4+/-0.8 ohms at 1V 300 Hz |
| Sweep Test | Sine Wave 5V at 20~20K Hz |
| Resonant Frequency (Fo) | 55 +/- 20%Hz at 1V |
| Sensitivity | 90 +/- 2 dB/W/m |
| Frequency Response | Fo - 8K Hz |
| Rated Power Input | 50W |
| Power Test | 50W RMS/Channel with Q1 Xover<br>(The rated power is verified by performing |

| | |
|---|---|
| | power handling test by feeding rated output with IEC268-5 for 4 hours) |
| Heat Test | 60 $^{o}$C / % R.H. 24 hours |
| Humidity Test | 40 $^{o}$C 90~95% R.H. 24 hours |
| Main Magnet | Ø80 x Ø40 x 15mm Ferrite |
| Bucking Magnet | Ø70 x Ø32 x 10mm Ferrite |
| Voice Coil Bobbin Material | KAPTON |
| Cone Material | PP Cone |
| Surround Material | Rubber |

## Tweeter Specifications

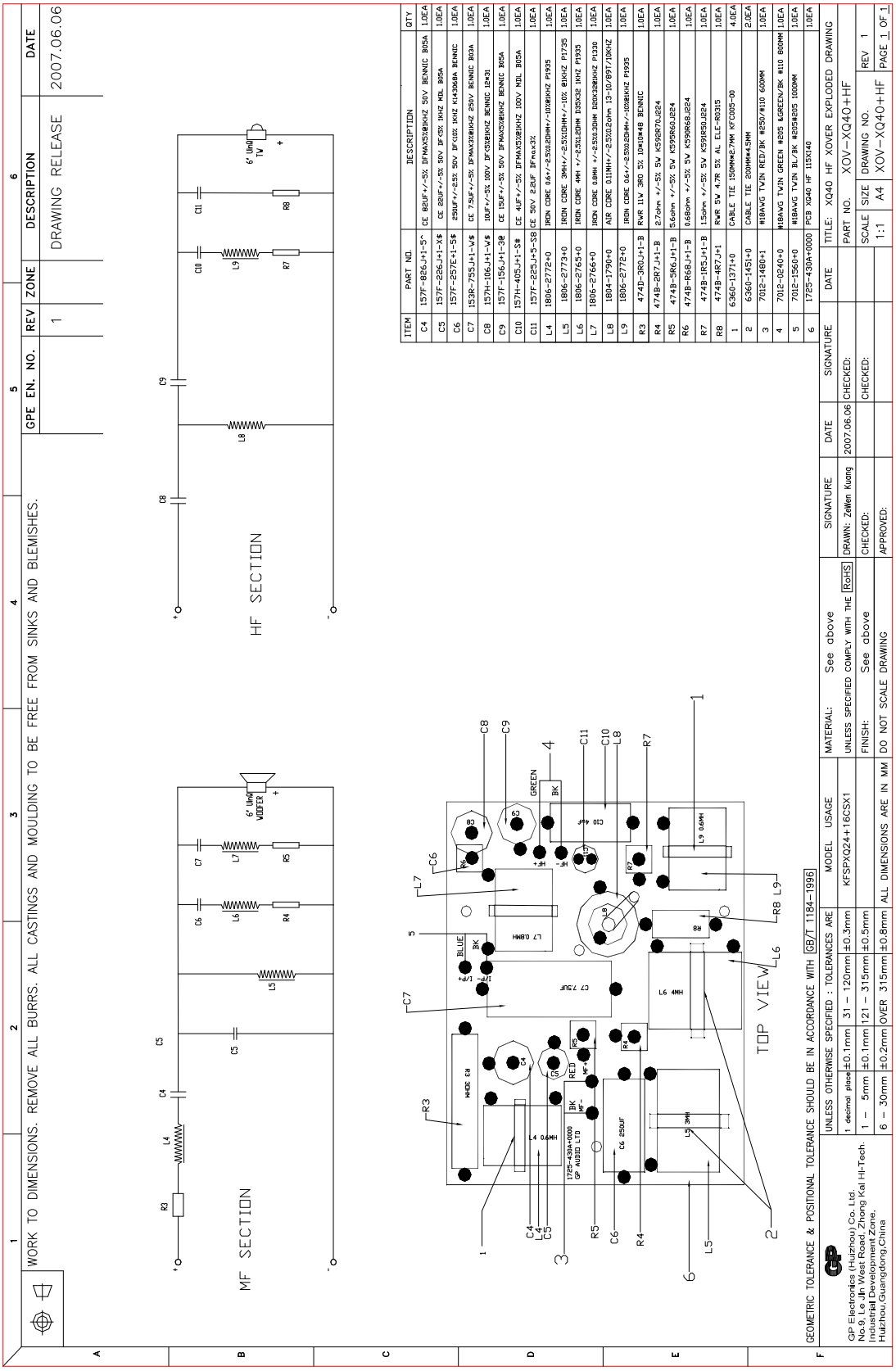
| | |
|---|---|
| Rated Impedance | 3 +/- 0.6 ohms at 1V 3K Hz |
| Sweep Test | Sine Wave 1V at 1K~20K Hz |
| Sensitivity | 86dB/W/m |
| Frequency Response | Fo--18K Hz |
| Rated Power Input | 50W |
| Power Test | 50W RMS/Channel with Q1 Xover (The rated power is verified by performing power handling test by feeding rated output with IEC268-5 for 4 hours) |
| Heat Test | 60 $^{o}$C / % R.H. 24 hours |
| Humidity Test | 40 $^{o}$C 90% R.H. 24 hours |
| Voice Coil Bobbin Material | KAPTON |
| Dome Material | Aluminum |

# Schematic Diagram / Exploded View of Crossover(LF-section)



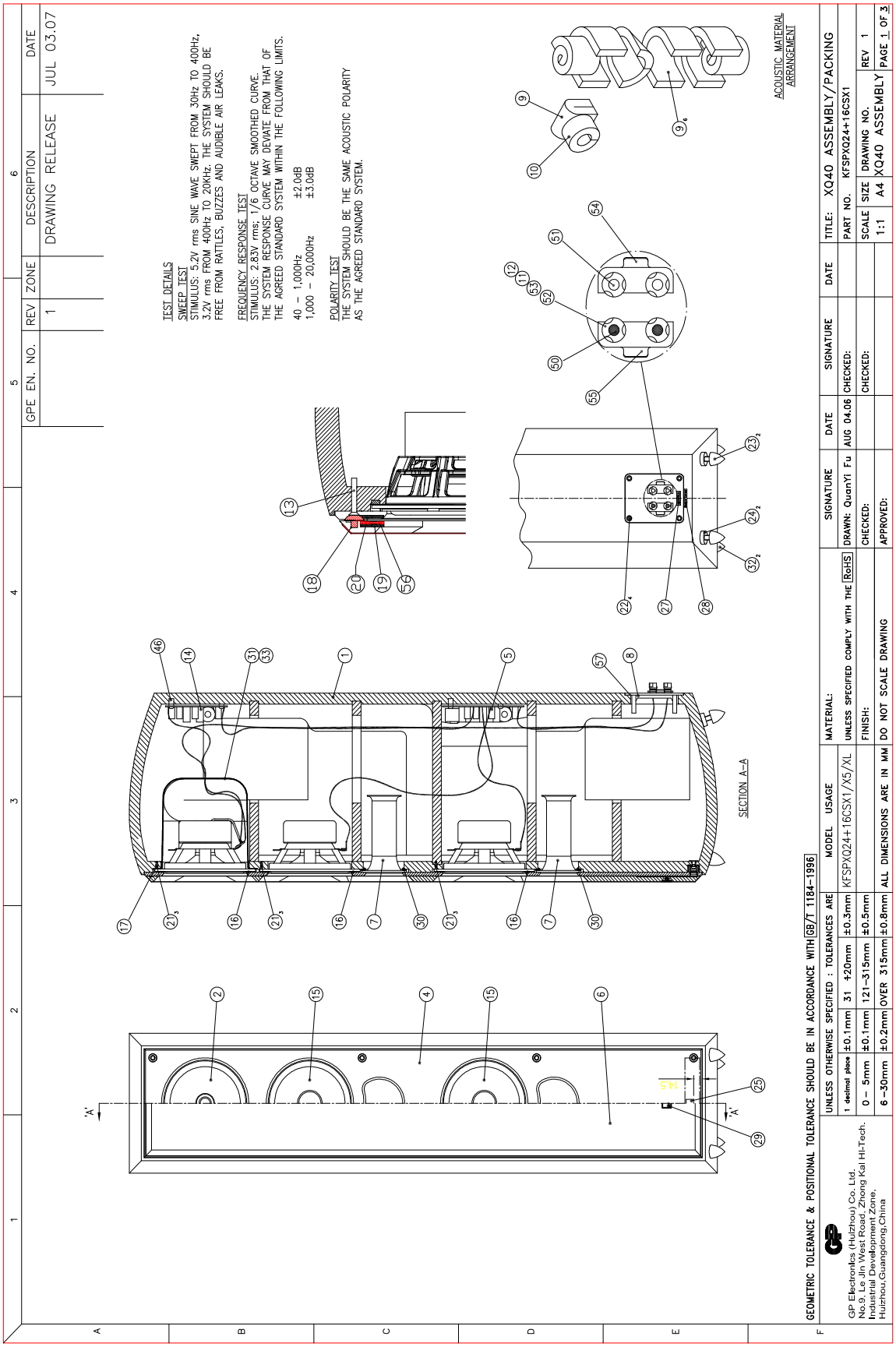

| ITEM | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| C1 | 157H-107J+1-5# | 100UF+/-5% 100V DF<10% 1KHZ K143090A BENNIC | 1.0EA |
| C2 | 157F-397K+1-5^ | CE 390UF+/-10% DFMAX5% @1KHZ 50V BENNIC N10A | 1.0EA |
| C3 | 153R-105J+1-5$ | CPP 1UF+/-5% DFMAX0.1% @1KHZ 250V BENNIC PMT | 1.0EA |
| L1 | 1806-2770+0 | IRON CORE 3.3MH+/-2.5% 0.5OHM+/-10%@100HZ P1735 | 1.0EA |
| L2 | 1806-2771+0 | IRON CORE 12+/-2.5% 3.1OHM+/-10%@100HZ P1935 | 1.0EA |
| L3 | 1806-2767+0 | IRON CORE 0.5MH+/-2.5% 0.2OHM+/-10%@100HZ P1330 | 1.0EA |
| R1 | 474B-2R7J+1-B | 2.7ohm +/-5% 5W K592R70J224 | 1.0EA |
| R2 | 474D-2R2J+1-B | 2.2ohm +/-5% 11W K592R20J225 | 1.0EA |
| 1 | 7012-1440+0 | #18AWG TWIN RED&RED/BLACK 550MM #205/205 | 1.0EA |
| 2 | 7012-2450+0 | #18AWG TWIN RED/BK #250/#110 600MM | 1.0EA |
| 3 | 7012-0090+0 | #16AWG TWIN RED&RED/BLACK 0.65M #205/110 | 1.0EA |
| 4 | 6360-1451+0 | CABLE TIE 200MM*4.5MM | 1.0EA |
| 5 | 6360-1371+0 | CABLE TIE 150MM*2.7MM | 2.0EA |
| 6 | 1725-4E9A+0000 | PCB XQ40 LF 115X106 | 1.0EA |

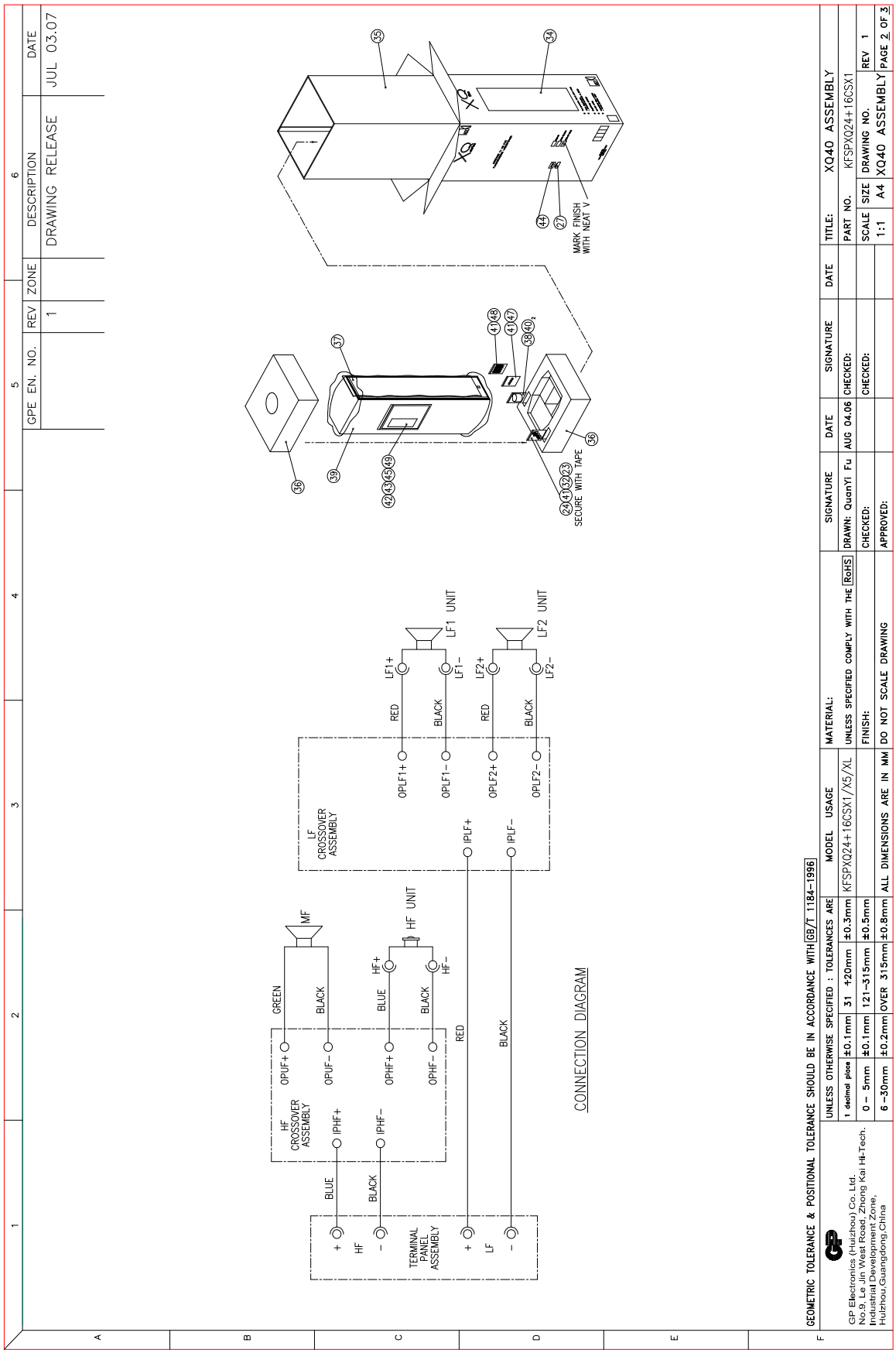
# Schematic Diagram / Exploded View of Crossover(HF-section)




| ITEM | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| C4 | 157F-826J+1-S^ | CE 82UF+/-5% DFMAX5%@1KHZ 50V BENNIC B05A | 1.0EA |
| C5 | 157F-226J+1-X& | CE 22UF+/-5% DF<5% 1KHZ MDL B05A | 1.0EA |
| C6 | 157F-257E+1-S& | 250UF+/-25% 50V DF<10% 1KHZ K14306&A BENNIC | 1.0EA |
| C7 | 153R-755J+1-V& | CE 7.5UF+/-5% DFMAX3%@1KHZ 250V BENNIC B03A | 1.0EA |
| C8 | 157H-106J+1-W& | 10UF+/-5% 100V DF<5%@1KHZ BENNIC D2H31 | 1.0EA |
| C9 | 157F-156J+1-3@ | CE 15UF+/-5% 50V DFMAX5%@1KHZ BENNIC B05A | 1.0EA |
| C10 | 157H-405J+1-S# | CE 4UF+/-5% DFMAX5%@1KHZ 100V MDL B05A | 1.0EA |
| C11 | 157F-225J+5-S@ | CE 50V 2.2UF DFmax3% | 1.0EA |
| L4 | 1806-2772+0 | IRON CORE 0.6+/-2.5%@2.5MH+/-10%@1KHZ P1935 | 1.0EA |
| L5 | 1806-2773+0 | IRON CORE 3MH+/-2.5%@1MH+/-10% @1KHZ P1735 | 1.0EA |
| L6 | 1806-2765+0 | IRON CORE 4MH +/-2.5%@.25MH D35X32 1KHZ P1935 | 1.0EA |
| L7 | 1806-2766+0 | IRON CORE 0.8MH +/-2.5%@.30MH D20X32@1KHZ P1330 | 1.0EA |
| L8 | 1804-1790+0 | AIR CORE 0.11MH+/-2.5%@.2ohm 13-10/69T/10KHZ | 1.0EA |
| L9 | 1806-2772+0 | IRON CORE 0.6+/-2.5%@.25MH+/-10%@1KHZ P1935 | 1.0EA |
| R3 | 474J-3R0J+1-B | RWR 11W 3R0 5% 10M10M4B BENNIC | 1.0EA |
| R4 | 474B-2R7J+1-B | 2.7ohm +/-5% 5W K59SR70J224 | 1.0EA |
| R5 | 474B-5R6J+1-B | 5.6ohm +/-5% 5W K59SR66J224 | 1.0EA |
| R6 | 474B-R68J+1-B | 0.68ohm +/-5% 5W K59SR68J224 | 1.0EA |
| R7 | 474B-1R5J+1-B | 1.5ohm +/-5% 5W K59SR50J224 | 1.0EA |
| R8 | 474B-4R7J+1 | RWR 5W 4.7R 5% AL ELE-R031S | 1.0EA |
| 1 | 6360-1371+0 | CABLE TIE 150MM*2.7MM KFC005-00 | 4.0EA |
| 2 | 6360-1451+0 | CABLE TIE 200MM*4.5MM | 2.0EA |
| 3 | 7012-1480+1 | #18AWG TWIN RED/BK #250/#110 600MM | 1.0EA |
| 4 | 7012-0240+0 | #18AWG TWIN GREEN #205 &GREEN/BK #110 800MM | 1.0EA |
| 5 | 7012-1560+0 | #18AWG TWIN BL/BK #205&205 1000MM | 1.0EA |
| 6 | 1725-430A+0000 | PCB XQ40 HF 115X140 | 1.0EA |

# Exploded View of Cabinet and package




GPE EN. NO.
REV
ZONE
DESCRIPTION
DATE
1
DRAWING RELEASE
JUL 03.07
MARK FINISH WITH NEAT V
SECURE WITH TAPE
LF CROSSOVER ASSEMBLY
LF1 UNIT
LF2 UNIT
HF UNIT
MF
HF CROSSOVER ASSEMBLY
TERMINAL PANEL ASSEMBLY
CONNECTION DIAGRAM
GEOMETRIC TOLERANCE & POSITIONAL TOLERANCE SHOULD BE IN ACCORDANCE WITH GB/T 1184-1996
UNLESS OTHERWISE SPECIFIED : TOLERANCES ARE
MODEL USAGE
KFSPXQ24+16CSX1/X5/XL
MATERIAL:
UNLESS SPECIFIED COMPLY WITH THE RoHS
FINISH:
DO NOT SCALE DRAWING
ALL DIMENSIONS ARE IN MM
DRAWN: QuanYi Fu
AUG 04.06
CHECKED:
APPROVED:
SIGNATURE
DATE
TITLE: XQ40 ASSEMBLY
PART NO. KFSPXQ24+16CSX1
SCALE 1:1
SIZE A4
DRAWING NO. XQ40 ASSEMBLY
REV 1
PAGE 2 OF 3
GP Electronics (Huizhou) Co.,Ltd.
No.9, Le Jin West Road, Zhong Kai Hi-Tech. Industrial Development Zone, Huizhou,Guangdong,China

| GPE EN. NO. | REV | ZONE | DESCRIPTION | DATE |
|---|---|---|---|---|
| | 1 | | DRAWING RELEASE | JUL 03.07 |

KFSPXQ24+16CSX1

| ITEM | DESCRIPTION | GP P/N | QTY |
|---|---|---|---|
| 1 | CABINET | 1419-0970+0 | 1 |
| 2 | UNI-Q DRIVE UNIT | UNIQ+XQ20 | 1 |
| 4 | BAFFLE | 1422-0520+0 | 1 |
| 5 | CROSSOVER ASSEMBLY - LF | XOV-XQ40+LF | 1 |
| 6 | GRILLE ASSEMBLY | 1419-0980+0 | 1 |
| 7 | PORT ASSEMBLY | 4158-9140+0 | 2 |
| 8 | TERMINAL PANEL | 4124-0121+0 | 1 |
| 9 | ACOUSTIC WADDING | 4153-0841+0 | 7 |
| 10 | ACOUSTIC WADDING | 4153-0851+0 | 1 |
| 11 | IQ TERMINAL CAP K100206 | 4124-0220+1 | 4 |
| 12 | TERMINAL BODY FOR Q MK4 | 4124-0230+0 | 4 |
| 13 | SCREW - M4 x 12mm PAN HD | 2901-4025+K400 | 8 |
| 14 | CROSSOVER ASSEMBLY - HF | XOV-XQ40+HF | 1 |
| 15 | 6" LF DRIVE UNIT | 8900-6490+0 | 2 |
| 16 | GASKET - UNIT/BAFFLE | 4149-9471+0 | 3 |
| 17 | EVA GASKET | 4153-3591+0 | 3 |
| 18 | RUB-STEM BUMPER XQ10 | 4160-0930+0 | 8 |
| 19 | NEO MAG 10*2 N35 | 4104-4821+0 | 16 |
| 20 | MAGNET BRIDGE FOR CI9000 | 4159-1130+0 | 16 |
| 21 | WOODSCREW - No.8 x 1/2" PAN HD | 2910-4020+3000 | 9 |
| 22 | SCREW | 2912-3516+3000 | 4 |
| 23 | FOOT ASSEMBLY - REAR | 1422-6271+0 | 2 |
| 24 | FOOT LOCKING NUT | 1422-6291+0 | 2 |
| 25 | BADGE - BAFFLE | 2150-6071+0 | 1 |
| 27 | LABEL - SERIAL NUMBER | 3000-6333+0 | 1 |
| 28 | LABEL - MADE IN CHINA | 3000-7706+0 | 1 |
| 29 | BADGE - GRILLE | 2150-6061+0 | 1 |
| 30 | GASKET- PORT/CABINET | 4149-9481+0 | 2 |
| 31 | MF CAN | 1422-5140+0 | 1 |
| 32 | FOOT ASSEMBLY - FRONT | 1422-6281+0 | 2 |
| 33 | FOAM STRIP - 8mm WIDE OPEN CELL | 4153-2821+0 | 2 |
| 34 | OUTER CARTON | 145B-3600+0 | 1 |
| 35 | SLEEVE | 145B-0860+0 | 1 |
| 36 | TOP PAD / BOTTOM PAD | 1490-8223+1 | 2 |
| 37 | XQ40 SYSTEM PIANO BK | SYS-XQ40+X1 | 1 |
| 38 | POLYBAG | 1497-5232+0 | 1 |
| 39 | SYSTEM FOAM / BAG | 1497-5242+2 | 1 |
| 40 | FOAM BUNG | 4153-0611+0 | 2 |
| 41 | FOOT PACK | 1497-4302+0 | 3 |
| 42 | MANUAL | 4301-5364+0 | 1 |
| 43 | WARRANTY CARD | 4301-6033+1 | 1 |
| 44 | LABEL - BARCODE | 3000-8572+0 | 1 |
| 45 | POLYBAG | 1497-4782+0 | 1 |
| 46 | CORSSOVER FIXING | 4154-3131+0 | 6 |
| 47 | FOOT PAD | 1422-5121+0 | 4 |
| 48 | SPIKE | 4159-0700+0 | 4 |
| 49 | CI SERIES BROCHURE | 4301-5242+1 | 1 |
| 50 | K100081J BLANKIN PIN RED | 4153-7951+0 | 2 |
| 51 | K100081J BLANKIN PIN BK | 4153-7941+0 | 2 |
| 52 | BINDING POST UPP | 4124-0200+0 | 4 |
| 53 | BINDING POST LOW | 4124-0210+0 | 4 |
| 54 | SHORTING LINK RED 205MM | 7012-1720+1 | 1 |
| 55 | SHORTING LINK BK 205MM | 7012-1710+1 | 1 |
| 56 | LABEL BK 25*14MM MATT | 3000-8260+0 | 8 |
| 57 | TERMINAL GASKET FOR NEW | 4153-3481+0 | 1 |

KFSPXQ24+16CSX5

| ITEM | DESCRIPTION | GP P/N | QTY |
|---|---|---|---|
| 1 | CABINET | 1419-0971+0 | 1 |
| 2 | UNI-Q DRIVE UNIT | UNIQ+XQ20 | 1 |
| 4 | BAFFLE | 1422-0520+0 | 1 |
| 5 | CROSSOVER ASSEMBLY - LF | XOV-XQ40+LF | 1 |
| 6 | GRILLE ASSEMBLY | 1419-0980+0 | 1 |
| 7 | PORT ASSEMBLY | 4158-9140+0 | 2 |
| 8 | TERMINAL PANEL | 4124-0121+0 | 1 |
| 9 | ACOUSTIC WADDING | 4153-0841+0 | 7 |
| 10 | ACOUSTIC WADDING | 4153-0851+0 | 1 |
| 11 | IQ TERMINAL CAP K100206 | 4124-0220+1 | 4 |
| 12 | TERMINAL BODY FOR Q MK4 | 4124-0230+0 | 4 |
| 13 | SCREW - M4 x 12mm PAN HD | 2901-4025+K400 | 8 |
| 14 | CROSSOVER ASSEMBLY - HF | XOV-XQ40+HF | 1 |
| 15 | 6" LF DRIVE UNIT | 8900-6490+0 | 2 |
| 16 | GASKET - UNIT/BAFFLE | 4149-9471+0 | 3 |
| 17 | EVA GASKET | 4153-3591+0 | 3 |
| 18 | RUB-STEM BUMPER XQ10 | 4160-0930+0 | 8 |
| 19 | NEO MAG 10*2 N35 | 4104-4821+0 | 16 |
| 20 | MAGNET BRIDGE FOR CI9000 | 4159-1130+0 | 16 |
| 21 | WOODSCREW - No.8 x 1/2" PAN HD | 2910-4020+3000 | 9 |
| 22 | SCREW | 2912-3516+3000 | 4 |
| 23 | FOOT ASSEMBLY - REAR | 1422-6271+0 | 2 |
| 24 | FOOT LOCKING NUT | 1422-6291+0 | 2 |
| 25 | BADGE - BAFFLE | 2150-6071+0 | 1 |
| 27 | LABEL - SERIAL NUMBER | 3000-6333+0 | 1 |
| 28 | LABEL - MADE IN CHINA | 3000-7706+0 | 1 |
| 29 | BADGE - GRILLE | 2150-6061+0 | 1 |
| 30 | GASKET- PORT/CABINET | 4149-9481+0 | 2 |
| 31 | MF CAN | 1422-5140+0 | 1 |
| 32 | FOOT ASSEMBLY - FRONT | 1422-6281+0 | 2 |
| 33 | FOAM STRIP - 8mm WIDE OPEN CELL | 4153-2821+0 | 2 |
| 34 | OUTER CARTON | 145B-3600+0 | 1 |
| 35 | SLEEVE | 145B-0860+0 | 1 |
| 36 | TOP PAD / BOTTOM PAD | 1490-8223+1 | 2 |
| 37 | XQ40 SYSTEM BIRDS-EYE MAPLE | SYS-XQ40+X5 | 1 |
| 38 | POLYBAG | 1497-5232+0 | 1 |
| 39 | SYSTEM FOAM / BAG | 1497-5242+2 | 1 |
| 40 | FOAM BUNG | 4153-0611+0 | 2 |
| 41 | FOOT PACK | 1497-4302+0 | 3 |
| 42 | MANUAL | 4301-5364+0 | 1 |
| 43 | WARRANTY CARD | 4301-6033+1 | 1 |
| 44 | LABEL - BARCODE | 3000-8571+0 | 1 |
| 45 | POLYBAG | 1497-4782+0 | 1 |
| 46 | CORSSOVER FIXING | 4154-3131+0 | 6 |
| 47 | FOOT PAD | 1422-5121+0 | 4 |
| 48 | SPIKE | 4159-0700+0 | 4 |
| 49 | CI SERIES BROCHURE | 4301-5242+1 | 1 |
| 50 | K100081J BLANKIN PIN RED | 4153-7951+0 | 2 |
| 51 | K100081J BLANKIN PIN BK | 4153-7941+0 | 2 |
| 52 | BINDING POST UPP | 4124-0200+0 | 4 |
| 53 | BINDING POST LOW | 4124-0210+0 | 4 |
| 54 | SHORTING LINK RED 205MM | 7012-1720+1 | 1 |
| 55 | SHORTING LINK BK 205MM | 7012-1710+1 | 1 |
| 56 | LABEL BK 25*14MM MATT | 3000-8260+0 | 8 |
| 57 | TERMINAL GASKET FOR NEW | 4153-3481+0 | 1 |

KFSPXQ24+16CSXL

| ITEM | DESCRIPTION | GP P/N | QTY |
|---|---|---|---|
| 1 | CABINET | 1419-0972+0 | 1 |
| 2 | UNI-Q DRIVE UNIT | UNIQ+XQ20 | 1 |
| 4 | BAFFLE | 1422-0520+0 | 1 |
| 5 | CROSSOVER ASSEMBLY - LF | XOV-XQ40+LF | 1 |
| 6 | GRILLE ASSEMBLY | 1419-0980+0 | 1 |
| 7 | PORT ASSEMBLY | 4158-9140+0 | 2 |
| 8 | TERMINAL PANEL | 4124-0121+0 | 1 |
| 9 | ACOUSTIC WADDING | 4153-0841+0 | 7 |
| 10 | ACOUSTIC WADDING | 4153-0851+0 | 1 |
| 11 | IQ TERMINAL CAP K100206 | 4124-0220+1 | 4 |
| 12 | TERMINAL BODY FOR Q MK4 | 4124-0230+0 | 4 |
| 13 | SCREW - M4 x 12mm PAN HD | 2901-4025+K400 | 8 |
| 14 | CROSSOVER ASSEMBLY - HF | XOV-XQ40+HF | 1 |
| 15 | 6" LF DRIVE UNIT | 8900-6490+0 | 2 |
| 16 | GASKET - UNIT/BAFFLE | 4149-9471+0 | 3 |
| 17 | EVA GASKET | 4153-3591+0 | 3 |
| 18 | RUB-STEM BUMPER XQ10 | 4160-0930+0 | 8 |
| 19 | NEO MAG 10*2 N35 | 4104-4821+0 | 16 |
| 20 | MAGNET BRIDGE FOR CI9000 | 4159-1130+0 | 16 |
| 21 | WOODSCREW - No.8 x 1/2" PAN HD | 2910-4020+3000 | 9 |
| 22 | SCREW | 2912-3516+3000 | 4 |
| 23 | FOOT ASSEMBLY - REAR | 1422-6271+0 | 2 |
| 24 | FOOT LOCKING NUT | 1422-6291+0 | 2 |
| 25 | BADGE - BAFFLE | 2150-6071+0 | 1 |
| 27 | LABEL - SERIAL NUMBER | 3000-6333+0 | 1 |
| 28 | LABEL - MADE IN CHINA | 3000-7706+0 | 1 |
| 29 | BADGE - GRILLE | 2150-6061+0 | 1 |
| 30 | GASKET- PORT/CABINET | 4149-9481+0 | 2 |
| 31 | MF CAN | 1422-5140+0 | 1 |
| 32 | FOOT ASSEMBLY - FRONT | 1422-6281+0 | 2 |
| 33 | FOAM STRIP - 8mm WIDE OPEN CELL | 4153-2821+0 | 2 |
| 34 | OUTER CARTON | 145B-3600+0 | 1 |
| 35 | SLEEVE | 145B-0860+0 | 1 |
| 36 | TOP PAD / BOTTOM PAD | 1490-8223+1 | 2 |
| 37 | XQ40 SYSTEM KHAYA | SYS-XQ40+XL | 1 |
| 38 | POLYBAG | 1497-5232+0 | 1 |
| 39 | SYSTEM FOAM / BAG | 1497-5242+2 | 1 |
| 40 | FOAM BUNG | 4153-0611+0 | 2 |
| 41 | FOOT PACK | 1497-4302+0 | 3 |
| 42 | MANUAL | 4301-5364+0 | 1 |
| 43 | WARRANTY CARD | 4301-6033+1 | 1 |
| 44 | LABEL - BARCODE | 3000-8570+0 | 1 |
| 45 | POLYBAG | 1497-4782+0 | 1 |
| 46 | CORSSOVER FIXING | 4154-3131+0 | 6 |
| 47 | FOOT PAD | 1422-5121+0 | 4 |
| 48 | SPIKE | 4159-0700+0 | 4 |
| 49 | CI SERIES BROCHURE | 4301-5242+1 | 1 |
| 50 | K100081J BLANKIN PIN RED | 4153-7951+0 | 2 |
| 51 | K100081J BLANKIN PIN BK | 4153-7941+0 | 2 |
| 52 | BINDING POST UPP | 4124-0200+0 | 4 |
| 53 | BINDING POST LOW | 4124-0210+0 | 4 |
| 54 | SHORTING LINK RED 205MM | 7012-1720+1 | 1 |
| 55 | SHORTING LINK BK 205MM | 7012-1710+1 | 1 |
| 56 | LABEL BK 25*14MM MATT | 3000-8260+0 | 8 |
| 57 | TERMINAL GASKET FOR NEW | 4153-3481+0 | 1 |

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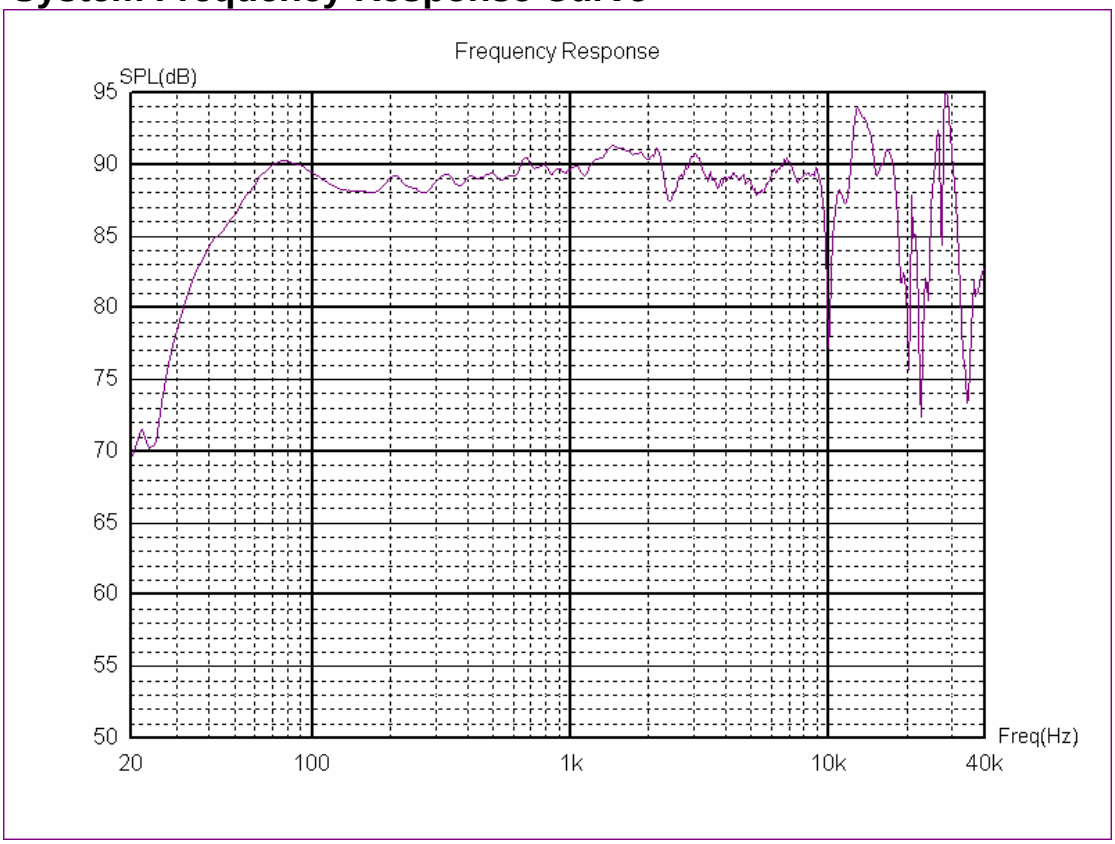
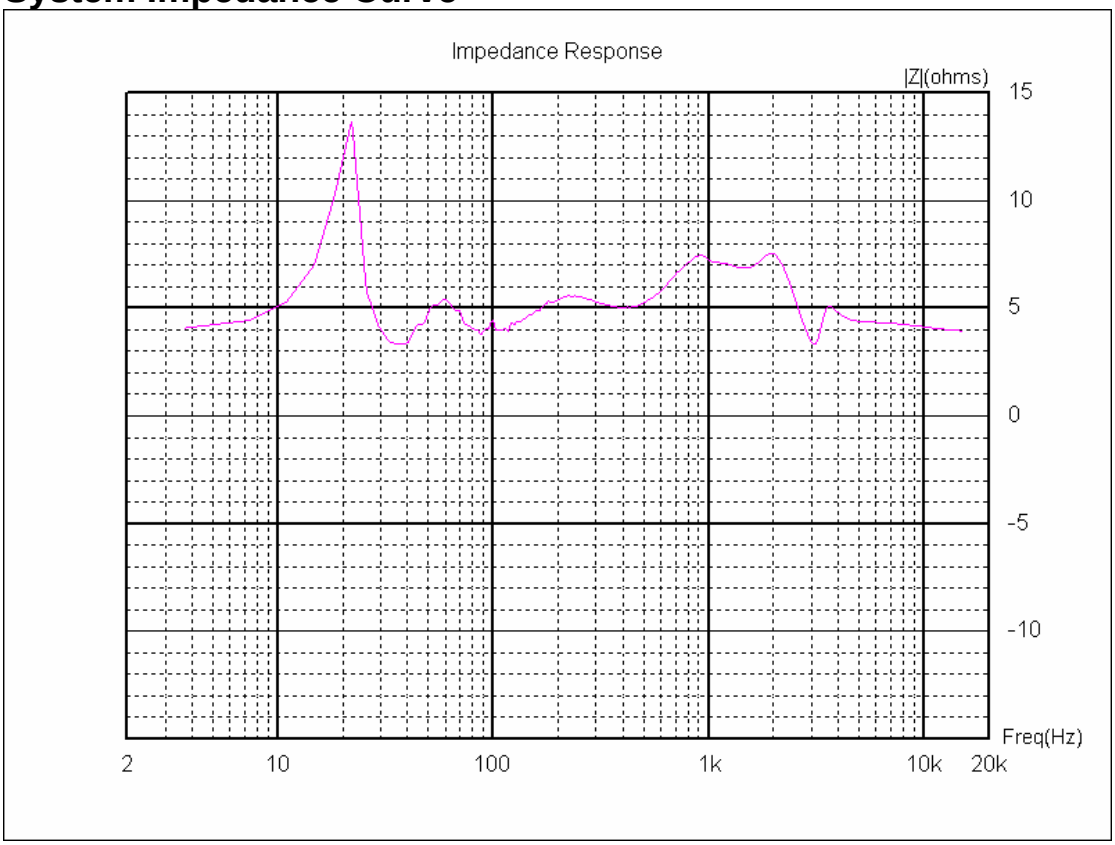
| UNLESS OTHERWISE SPECIFIED : TOLERANCES ARE | | | | MODEL USAGE | MATERIAL: | SIGNATURE | DATE | SIGNATURE | DATE | TITLE: XQ40 ASSEMBLY | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 decimal place | ±0.1mm | 31 +20mm | ±0.3mm | KFSPXQ24+16CSX1/X5/XL | UNLESS SPECIFIED COMPLY WITH THE RoHS | DRAWN: QuanYi Fu | AUG 04.06 | CHECKED: | | PART NO. KFSPXQ24+16CSX1 | | | |
| 0 – 5mm | ±0.1mm | 121–315mm | ±0.5mm | | FINISH: | CHECKED: | | CHECKED: | | SCALE 1:1 | SIZE A4 | DRAWING NO. XQ40 ASSEMBLY | REV 1 |
| 6 –30mm | ±0.2mm | OVER 315mm | ±0.8mm | ALL DIMENSIONS ARE IN MM | DO NOT SCALE DRAWING | APPROVED: | | | | | | | PAGE 3 OF 3 |

## System Frequency Response Curve




## System Impedance Curve