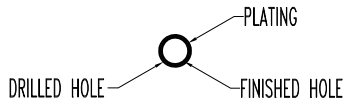
DATE	REV	REVISION RECORD	APP	DR	CK
5-10 06	B	ECO 25921	TK	ME	TK
8-14 06	C	ECO 26510	TK	YK	TK
8-5 08	D	ECO 29799	RCW	YK	RCW
10-14 08	E	ECO 30108		YK	



SIZE 20 AND 22 OMEGA CONTACT HOLE

SIZE 20-22 OMEGA CONTACT HOLE			
BOARD TYPE	RECOMMENDED DRILLED HOLE SIZE	RECOMMENDED PLATING	FINISHED HOLE SIZES
TIN-LEAD SOLDER PCB	Ø1.150±0.025 [Ø0.0453±0.0010]	15µ[0.0006] MINIMUM SOLDER OVER 25µ[0.0010] MIN. COPPER	Ø1.000+0.090-0.060 [Ø0.0394+0.0035-0.0024]
COPPER PCB	Ø1.19±0.025 [Ø0.047±0.001]	25µ[0.0010] MIN. COPPER	Ø1.09±0.05 [Ø0.043±0.002]
IMMERSION TIN PCB	Ø1.19±0.025 [Ø0.047±0.001]	0.85±0.15µ [0.000033±0.000006] IMMERSION TIN OVER 25µ[0.0010] MIN. COPPER	Ø1.09±0.05 [Ø0.043±0.002]
IMMERSION SILVER PCB	Ø1.19±0.025 [Ø0.047±0.001]	0.34±0.17µ [0.000013±0.000007] IMMERSION SILVER OVER 25µ[0.0010] MIN. COPPER	Ø1.09±0.05 [Ø0.043±0.002]
ELECTROLESS NICKEL/IMMERSION GOLD PCB	Ø1.19±0.025 [Ø0.047±0.001]	0.05µ[0.000002] MIN. IMMERSION GOLD OVER 4.5±1.5µ [0.000177±0.000059] ELECTROLESS NICKEL PER IPC-4552 OVER 25µ[0.0010] MIN. COPPER	Ø1.09±0.05 [Ø0.043±0.002]

POSITRONIC INDUSTRIES INC.
www.connectpositronic.com

DECIMAL TOL. ±0.38[0.015]
ANGULAR TOL. ±5°

COMPLIANT TERMINATION CONTACTS

SCALE N.T.S.

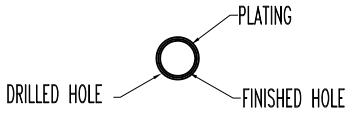
DRAWN BY TKEPLEY
APPROVED BY RCW

TITLE
PLATED PCB HOLES

DATE 8-5-05

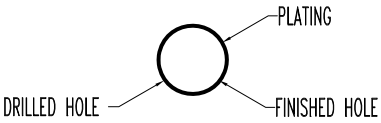
DRAWING NUMBER SK6370 SHEET 1 OF 3

REV. E



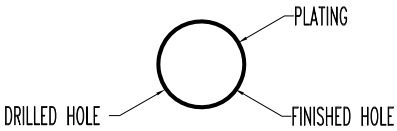
SIZE 16 BI-SPRING CONTACT HOLE

SIZE 16 PRESS=FIT CONTACT HOLE			
BOARD TYPE	RECOMMENDED DRILLED HOLE SIZE	RECOMMENDED PLATING	FINISHED HOLE SIZES
TIN-LEAD SOLDER PCB	Ø1.750±0.025 [Ø0.069±0.001]	15µ[0.0006] MINIMUM SOLDER OVER 25µ[0.0010] MIN. COPPER	Ø1.600+0.090-0.060 [Ø0.0630+0.0035-0.0024]
COPPER PCB	Ø1.750±0.025 [Ø0.069±0.001]	25µ[0.0010] MIN. COPPER	Ø1.600+0.090-0.060 [Ø0.0630+0.0035-0.0024]
IMMERSION TIN PCB	Ø1.750±0.025 [Ø0.069±0.001]	0.85±0.15µ [0.000033±0.000006] IMMERSION TIN OVER 25µ[0.0010] MIN. COPPER	Ø1.600+0.090-0.060 [Ø0.0630+0.0035-0.0024]
IMMERSION SILVER PCB	Ø1.750±0.025 [Ø0.069±0.001]	0.34±0.17µ [0.000013±0.000007] IMMERSION SILVER OVER 25µ[0.0010] MIN. COPPER	Ø1.600+0.090-0.060 [Ø0.0630+0.0035-0.0024]
ELECTROLESS NICKEL/IMMERSION GOLD PCB	Ø1.750±0.025 [Ø0.069±0.001]	0.05µ[0.000002] MIN. IMMERSION GOLD OVER 4.5±1.5µ [0.000177±0.000059] ELECTROLESS NICKEL PER IPC-4552 OVER 25µ[0.0010] MIN. COPPER	Ø1.600+0.090-0.060 [Ø0.0630+0.0035-0.0024]



SIZE 12 BI-SPRING CONTACT HOLE

SIZE 12 BI-SPRING CONTACT HOLE			
BOARD TYPE	RECOMMENDED DRILLED HOLE SIZE	RECOMMENDED PLATING	FINISHED HOLE SIZES
TIN-LEAD SOLDER PCB	Ø2.59±0.025 [Ø0.102±0.001]	15µ[0.0006] MINIMUM SOLDER OVER 25µ[0.0010] MIN. COPPER	Ø2.44±0.05 [Ø0.096±0.002]
COPPER PCB	Ø2.59±0.025 [Ø0.102±0.001]	25µ[0.0010] MIN. COPPER	Ø2.44±0.05 [Ø0.096±0.002]
IMMERSION TIN PCB	Ø2.59±0.025 [Ø0.102±0.001]	0.85±0.15µ [0.000033±0.000006] IMMERSION TIN OVER 25µ[0.0010] MIN. COPPER	Ø2.44±0.05 [Ø0.096±0.002]
IMMERSION SILVER PCB	Ø2.59±0.025 [Ø0.102±0.001]	0.34±0.17µ [0.000013±0.000007] IMMERSION SILVER OVER 25µ[0.0010] MIN. COPPER	Ø2.44±0.05 [Ø0.096±0.002]
ELECTROLESS NICKEL/IMMERSION GOLD PCB	Ø2.59±0.025 [Ø0.102±0.001]	0.05µ[0.000002] MIN. IMMERSION GOLD OVER 4.5±1.5µ [0.000177±0.000059] ELECTROLESS NICKEL PER IPC-4552 OVER 25µ[0.0010] MIN. COPPER	Ø2.44±0.05 [Ø0.096±0.002]



SIZE 8 BI-SPRING
CONTACT HOLE

SIZE 8 BI-SPRING CONTACT HOLE			
BOARD TYPE	RECOMMENDED DRILLED HOLE SIZE	RECOMMENDED PLATING	FINISHED HOLE SIZES
TIN-LEAD SOLDER PCB	Ø3.180±0.025 [Ø0.125±0.001]	15µ[0.0006] MINIMUM SOLDER OVER 25µ[0.0010] MIN. COPPER	Ø3.02±0.05 [Ø0.119±0.002]
COPPER PCB	Ø3.180±0.025 [Ø0.125±0.001]	25µ[0.0010] MIN. COPPER	Ø3.02±0.05 [Ø0.119±0.002]
IMMERSION TIN PCB	Ø3.180±0.025 [Ø0.125±0.001]	0.85±0.15µ [0.000033±0.000006] IMMERSION TIN OVER 25µ[0.0010] MIN. COPPER	Ø3.02±0.05 [Ø0.119±0.002]
IMMERSION SILVER PCB	Ø3.180±0.025 [Ø0.125±0.001]	0.34±0.17µ [0.000013±0.000007] IMMERSION SILVER OVER 25µ[0.0010] MIN. COPPER	Ø3.02±0.05 [Ø0.119±0.002]
ELECTROLESS NICKEL/IMMERSION GOLD PCB	Ø3.180±0.025 [Ø0.125±0.001]	0.05µ[0.000002] MIN. IMMERSION GOLD OVER 4.5±1.5µ [0.000177±0.000059] ELECTROLESS NICKEL PER IPC-4552 OVER 25µ[0.0010] MIN. COPPER	Ø3.02±0.05 [Ø0.119±0.002]