

NDK-NIHON DEMPA KOGYO CO LTD						
NDK-NIHON DEMPA KOGYO CO LTD Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
NH20M20LB	C10-612-09-01-XXX-R27-L14	01S	93S	.018	1	2
NW36M25LA	C10-8528-28-01-XXX-R27-L14	01S	93S	.018	2	2
D-151-C	CSP354-04-01-XXX-R27-L14	01S	93S	.018	3	2
10F15CH	CSP354-04-01-XXX-R27-L14	01S	93S	.018	3	2
10F7.5CH	CSP354-04-01-XXX-R27-L14	01S	93S	.018	3	2
10F30CH	CSP354-04-01-XXX-R27-L14	01S	93S	.018	3	2
D-359-A	CSP192-03-01-XXX-R27-L14	01S	93S	.018	4	2
B (NR-18T)	CSP192-03-01-XXX-R27-L14	01S	93S	.018	4	2
10T30BC	CSP192-03-01-XXX-R27-L14	01S	93S	.018	4	2
10T15BK	CSP192-03-01-XXX-R27-L14	01S	93S	.018	4	2
10T15AN	CSP192-03-01-XXX-R27-L14	01S	93S	.018	4	2
10T7.5BH	CSP192-03-01-XXX-R27-L14	01S	93S	.018	4	2
10T7.5A	CSP192-03-01-XXX-R27-L14	01S	93S	.018	4	2
10T30BC	CSP192-03-01-XXX-R27-L14	01S	93S	.018	4	2
10F15C4	CSP192-03-01-XXX-R27-L14	01S	93S	.018	4	2
10T15BK	CSP192-03-01-XXX-R27-L14	01S	93S	.018	4	2
10T15AN	CSP192-03-01-XXX-R27-L14	01S	93S	.018	4	2
10F30DH	CSP528-04-01-XXX-R27-L14	01S	93S	.018	5	3
10F30CH	CSP528-04-01-XXX-R27-L14	01S	93S	.018	5	3
10F15DH	CSP528-04-01-XXX-R27-L14	01S	93S	.018	5	3
10F7.5DH	CSP528-04-01-XXX-R27-L14	01S	93S	.018	5	3
10F30DH	CSP528-04-01-XXX-R27-L14	01S	93S	.018	5	3
NV5032SA	620D-06B-SM-G10-L14-X	-	-	-	6	3
NP5032SA	620D-06B-SM-G10-L14-X	-	-	-	6	3
NP5032SB	620D-06B-SM-G10-L14-X	-	-	-	6	3
NV7050SA	605D-06-SM-G10-L14-X	-	-	-	7	3
7311S-DG-505X	605D-06-SM-G10-L14-X	-	-	-	7	3
7311S-DG-255R	605D-06-SM-G10-L14-X	-	-	-	7	3
7311S-DG-104X	605D-06-SM-G10-L14-X	-	-	-	7	3
7311S-GG-104X	605D-06-SM-G10-L14-X	-	-	-	7	3
7311S-GG-505X	605D-06-SM-G10-L14-X	-	-	-	7	3
7311S-GG-255R	605D-06-SM-G10-L14-X	-	-	-	7	3
7311S-DF-104X	605D-06-SM-G10-L14-X	-	-	-	7	3
7311S-DF-505X	605D-06-SM-G10-L14-X	-	-	-	7	3
7311S-DF-255R	605D-06-SM-G10-L14-X	-	-	-	7	3
7311S-GF-104X	605D-06-SM-G10-L14-X	-	-	-	7	3
7311S-GF-505X	605D-06-SM-G10-L14-X	-	-	-	7	3
7311S-GF-255R	605D-06-SM-G10-L14-X	-	-	-	7	3
7311-DG-104P	605D-06-SM-G10-L14-X	-	-	-	7	3
7311S-DG-505P	605D-06-SM-G10-L14-X	-	-	-	7	3
7311S-GF-505P	605D-06-SM-G10-L14-X	-	-	-	7	3
7311S-GF-104P	605D-06-SM-G10-L14-X	-	-	-	7	3
7311S-DF-104P	605D-06-SM-G10-L14-X	-	-	-	7	3
45SC15BE	639-06-SM-G10-L14-X	-	-	-	9	4
7311S-GG-505P	605D-06-SM-G10-L14-X	-	-	-	7	3
7311S-GG-104P	605D-06-SM-G10-L14-X	-	-	-	7	3
NT7050BC	620-10C-SM-G10-L14-X	-	-	-	8	4
90SC15B	639-06-SM-G10-L14-X	-	-	-	9	4
70SC20BA	639-06-SM-G10-L14-X	-	-	-	9	4
45SC30BD	639-06-SM-G10-L14-X	-	-	-	9	4
45SC20BB	639-06-SM-G10-L14-X	-	-	-	9	4
45SC7.5BG	639-06-SM-G10-L14-X	-	-	-	9	4

NDK-NIHON DEMPA KOGYO CO., LTD. Continued

Socket Terminal Details Cross Section View Shown Units: in [mm]

NDK-NIHON DEMPA KOGYO CO LTD					
NDK-NIHON DEMPA KOGYO CO LTD Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type Thru-Hole Surface Mount	Pin Ø [in]	Figure Number	Page Number
90E9A	605-06C-SM-G10-L14-X	-	-	10	4
45E30AN	605-06C-SM-G10-L14-X	-	-	10	4
45E15A	605-06C-SM-G10-L14-X	-	-	10	4
45E7.5AB	605-06C-SM-G10-L14-X	-	-	10	4
21E30AF	605-06C-SM-G10-L14-X	-	-	10	4
21E15A4	605-06C-SM-G10-L14-X	-	-	10	4
21E7.5A	605-06C-SM-G10-L14-X	-	-	10	4
21E30AD	605-06C-SM-G10-L14-X	-	-	10	4
21E15AB	605-06C-SM-G10-L14-X	-	-	10	4
21E7.5AD	605-06C-SM-G10-L14-X	-	-	10	4
NV13M09WN	605D-06C-SM-G10-L14-X	-	-	11	5
NV13M09WK	605D-06C-SM-G10-L14-X	-	-	11	5
WFC580169CK	605-08-SM-G10-L14-X	-	-	12	5
NV7050SH	605-08A-SM-G10-L14-X	-	-	13	5
NV7050SG	605-08A-SM-G10-L14-X	-	-	13	5
NH25M22TA	606D-07-SM-G10-L14-X	-	-	14	6
NH14M09TA	605D-06D-SM-G10-L14-X	-	-	15	6
NH14M09WA	605D-06D-SM-G10-L14-X	-	-	15	6
NW34M25WA	605D-20-SM-G10-L14-X	-	-	16	6
NW19M12WA/B	605D-08-SM-G10-L14-X	-	-	17	7

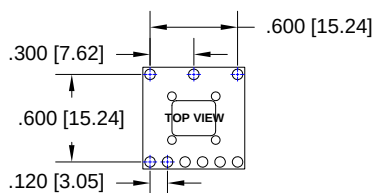


Fig. 1

Thru-Hole: C10-612-09-01-01S-R27-L14
Surface Mount: C10-612-09-01-93S-R27-L14

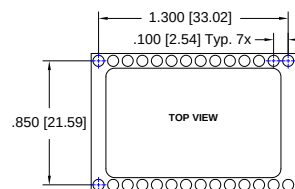


Fig. 2

Thru-Hole: C10-8528-28-01-01S-R27-L14
Surface Mount: C10-8528-28-01-93S-R27-L14

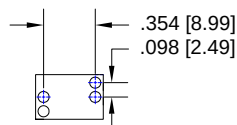


Fig. 3

Thru-Hole: CSP354-04-01-01S-R27-L14
Surface Mount: CSP354-04-01-93S-R27-L14

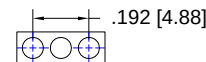


Fig. 4

Thru-Hole: CSP192-03-01-01S-R27-L14
Surface Mount: CSP192-03-01-93S-R27-L14

NDK-NIHON DEMPA KOGYO CO., LTD. *Continued*

Socket Terminal Details Cross Section View Shown Units: in [mm]

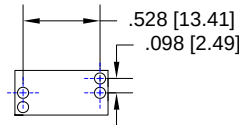
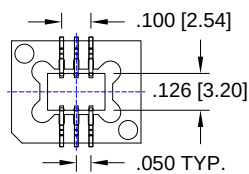


Fig. 5

Thru-Hole: CSP528-04-01-01S-R27-L14
Surface Mount: CSP528-04-01-93S-R27-L14

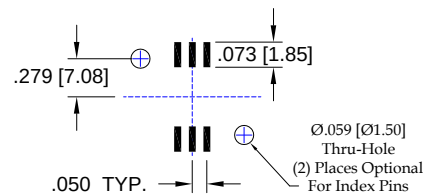


Top View

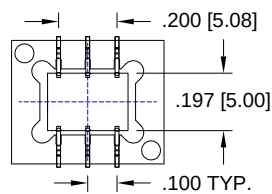
Fig. 6

Thru-Hole: N/A
Surface Mount: 620D-06B-SM-G10-L14-X

WITHOUT INDEX PINS = -0
WITH INDEX PINS = -1



Typical PCB Pad layout

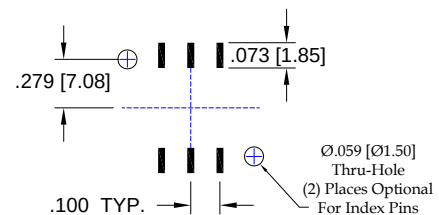


Top View

Fig. 7

Thru-Hole: N/A
Surface Mount: 605D-06-SM-G10-L14-X

WITHOUT INDEX PINS = -0
WITH INDEX PINS = -1



Typical PCB Pad layout

NDK-NIHON DEMPA KOGYO CO., LTD. Continued

Socket Terminal Details Cross Section View Shown Units: in [mm]

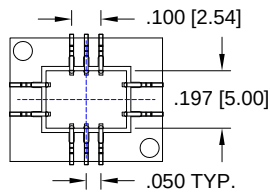


Fig. 8

Thru-Hole: N/A

Surface Mount: 620-10C-**SM**-G10-L14-X

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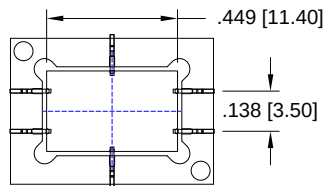
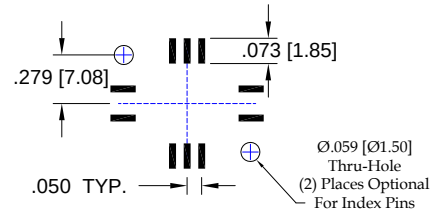


Fig. 9

Thru-Hole: N/A

Surface Mount: 639-06-**SM**-G10-L14-X

WITHOUT INDEX PINS = -0
WITH INDEX PINS = -1

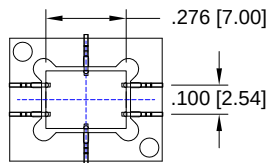
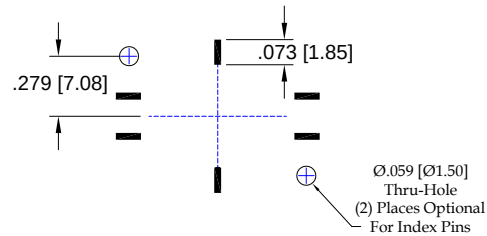
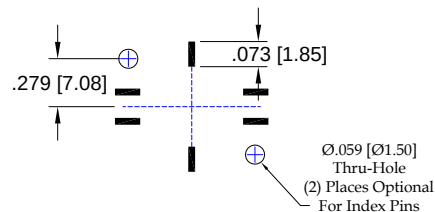


Fig. 10

Thru-Hole: N/A

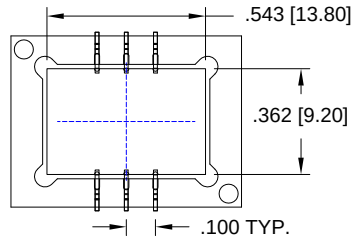
Surface Mount: 605-06C-**SM**-G10-L14-X

WITHOUT INDEX PINS = -0
WITH INDEX PINS = -1



NDK-NIHON DEMPA KOGYO CO., LTD. Continued

Socket Terminal Details Cross Section View Shown Units: in [mm]

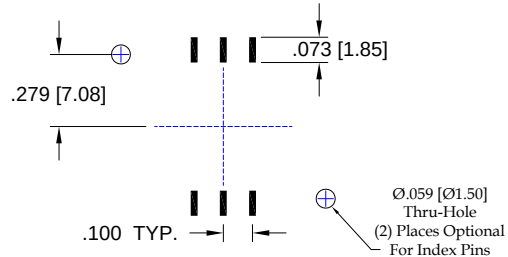


Top View

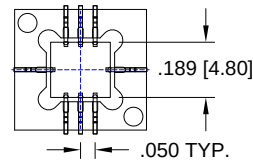
Fig. 11

Thru-Hole: N/A
Surface Mount: 605D-06C-**SM**-G10-L14-X

WITHOUT INDEX PINS = -0
WITH INDEX PINS = -1



Typical PCB Pad layout

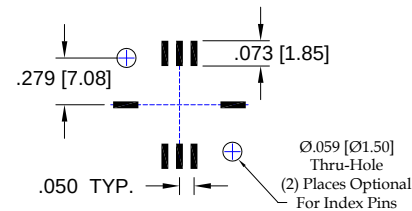


Top View

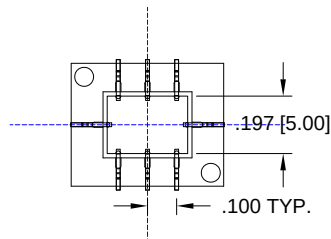
Fig. 12

Thru-Hole: N/A
Surface Mount: 605-08-**SM**-G10-L14-X

WITHOUT INDEX PINS = -0
WITH INDEX PINS = -1



Typical PCB Pad layout

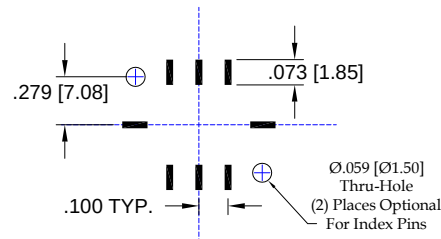


Top View

Fig. 13

Thru-Hole: N/A
Surface Mount: 605-08A-**SM**-G10-L14-X

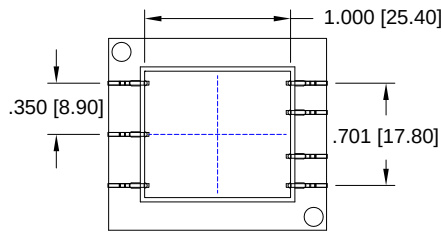
WITHOUT INDEX PINS = -0
WITH INDEX PINS = -1



Typical PCB Pad layout

NDK-NIHON DEMPA KOGYO CO., LTD. Continued

Socket Terminal Details Cross Section View Shown Units: in [mm]



Top View

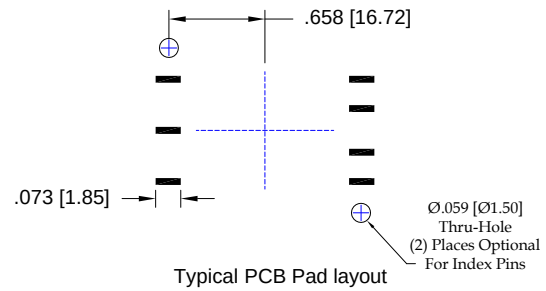
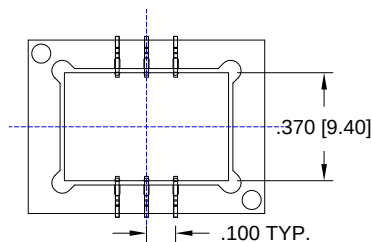


Fig. 14

Thru-Hole: N/A

Surface Mount: 606D-07-**SM**-G10-L14-X

WITHOUT INDEX PINS = -0
WITH INDEX PINS = -1



Top View

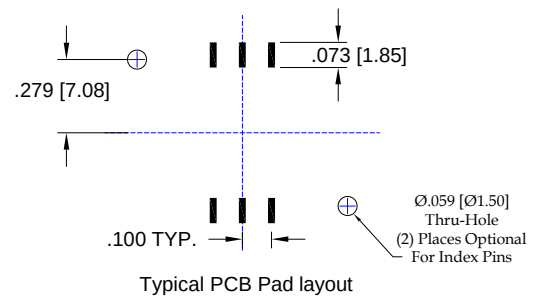
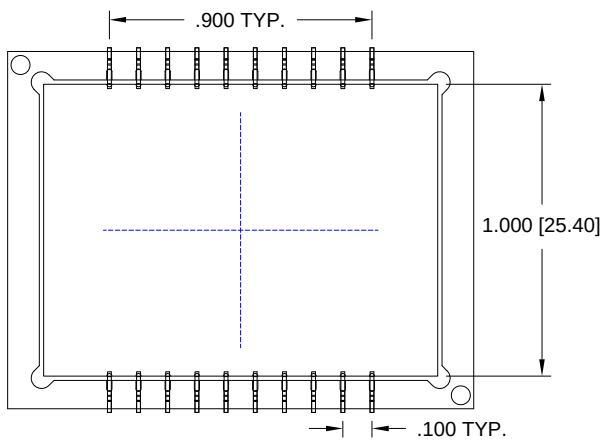


Fig. 15

Thru-Hole: N/A

Surface Mount: 605D-06D-**SM**-G10-L14-X

WITHOUT INDEX PINS = -0
WITH INDEX PINS = -1



Top View

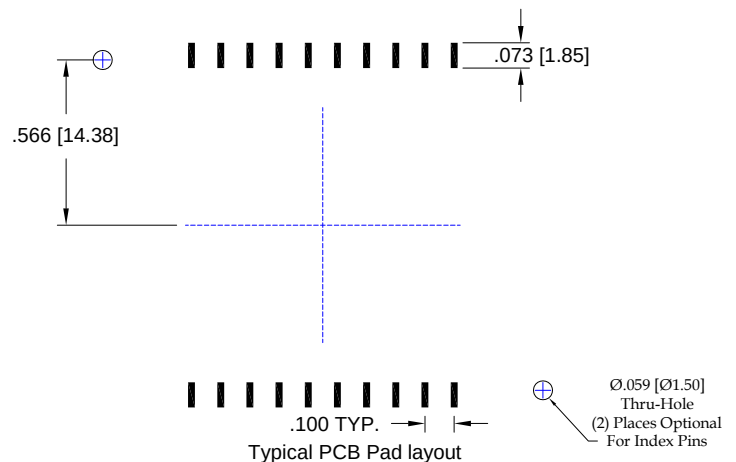


Fig. 16

Thru-Hole: N/A

Surface Mount: 605D-20-**SM**-G10-L14-X

WITHOUT INDEX PINS = -0
WITH INDEX PINS = -1

NDK-NIHON DEMPA KOGYO CO., LTD. Continued

Socket Terminal Details Cross Section View Shown Units: in [mm]

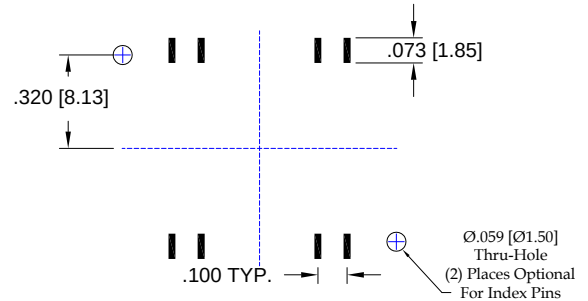
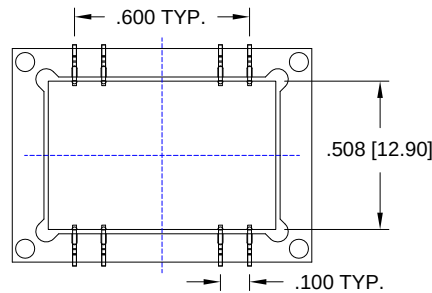


Fig. 17

Top View

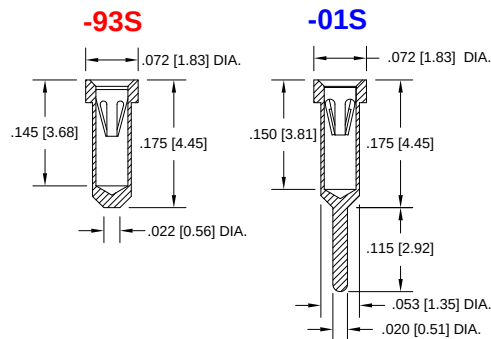
Typical PCB Pad layout

Thru-Hole: N/A

Surface Mount: 605D-08-**SM**-G10-L14-X

WITHOUT INDEX PINS = -0
WITH INDEX PINS = -1

Socket Terminal Details Cross Section View Shown Units: in [mm]



Technical Information

Material:

Insulator: Hi-Temp UL 94V-O
Terminal: Brass, per ASTM-B16
Contact: BeCu, Per ASTM-B194

Plating: RoHS COMPLIANT

R15 TERMINAL: GOLD / CONTACT: GOLD

R17 TERMINAL: TIN / CONTACT: GOLD

OTHER PLATINGS AVAILABLE

Terminal Acceptance and Forces

Thru Hole Terminals				Surface Mount Terminals			
Thru Hole Terminal	Accepts Pin Diameter	Insertion Force	Withdrawal Force	Surface Mount Terminal	Accepts Pin Diameter	Insertion Force	Withdrawal Force
-01S	Ø.018 [Ø0.46]	9.0 oz Avg.	2.0 oz Min	-93S	Ø.018 [Ø0.46]	9.0 oz Avg.	2.0 oz Min

MOUNTING OPTIONS

