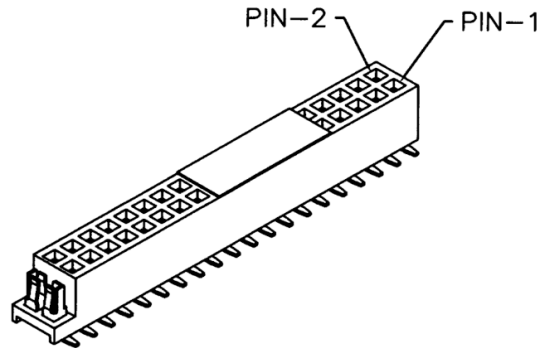


RECOMMENDED P.C.B LAYOUT
TOLERANCES: ±0.05mm



Current Rating: 1 Amps
Insulator Resistance: 1000 Megohms min
Dielectric Withstanding: AC 300 V
Contact Resistance: 20m Min.
Operating Temperature: - 40° ~ +105° C
Max Processing Temp: 230° C for 60 seconds
Max Processing Temp: 260° C for 10 seconds
Contact Material: Copper Alloy
Insulator Material: Polyester,UL 94V-0
Standard: LCP

PART NO.

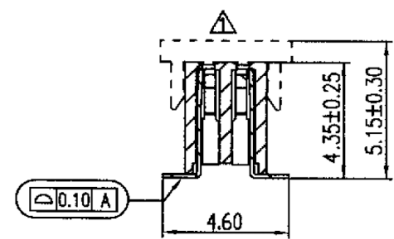
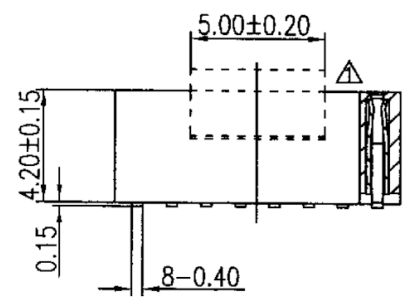
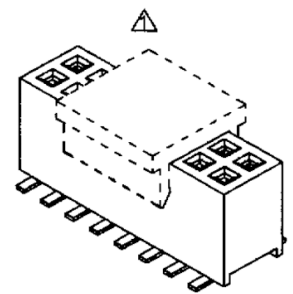
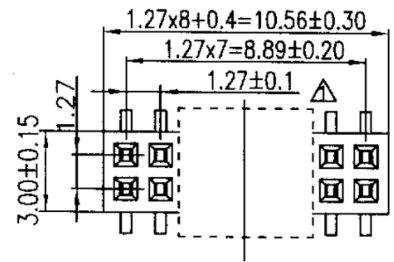
7 1 5 D E XXX X B X A A 3
1 2 3 4 5 6 7 8 9 10

- 1.SERIES NO.
- 2.TYPE:
D=S.M.T.
- 3.ENVIRONMENT PROTECTION
MATERIAL:
E=RoHS
- 4.CONTACT NUMBER:
002~050
- 5.CONTACT PLATING:
G=Gold Flash
S=Gold Flash (Selective)
B=10u" Gold (Selective)
C=15u" Gold (Selective)
D=30u" Gold (Selective)
- 6.ROW TYPE:
B=DUAL ROW
- 7.PROCESS OPTION:
0=W/O Peg
4=W/O Peg+Reel
5=W/O Peg+Mylar+Reel
- 8.INSULATOR HEIGHT:
A=3.4mm
- 9.CONTACT INSULATOR OPTION:
A=Fully Loaded
- 10.INSULATOR COLOR:
3=Black



UNLESS OTHERWISE SPECIFIED TOLERANCE		SCALE: AS SHOWN		UNIT: mm	MC-COMPONENTS
.0	±0.3	AS SHOWN	AS SHOWN	mm	
.00	±0.2				PRODUCT NO: 715DEXXXBXAA3
.000	±0.1				
REV.	DESCRIPTION	DATE	SIZE	REV.	

B	ECN-0811173(Queenie) Δ (2,G)(4,F)(6,E)(9,E)	11/18/08	CHECKED	cherry	11/20/08
A	ECN-0704044(Sally)	03/30/07	APPROVED	be	11/20/08

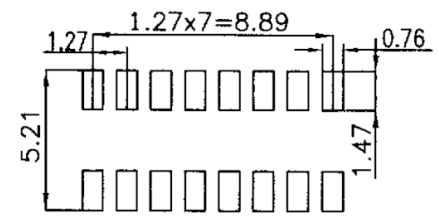


SPECIFICATION
 Current rating: 1.5 Amp.
 Insulator resistance: 2000 Megohms min.
 Contacts resistance: 20 mohms max
 Dielectric withstanding : AC 500 V
 Operating temperature: -40°C ~ +105°C
 Max Processing Temp: 260° for 10 seconds
 Contact Material: Phosphor Bronze
 Insulator Material: Polyester, UL 94V-0

Finish: Gold plated
 Standard: Gold flash all over
 PART NO.

715 D F 016 S B X E A 3
 1 2 3 4 5 6 7 8 9 10

- 1. SERIES NO.
- 2. TYPE:
D=SMT
- 3. ENVIRONMENT PROTECTION
MATERIAL:
F=RoHS (Matte Tin)
- 4. CONTACT NUMBER:
16 Pin
- 5. CONTACT AREA PLATING:
S=Gold Flash (Selective)
- 6. ROW TYPE:
B=Dual Row
- 7. PROCESS OPTION
A=W/O Peg+Pad+Reel
4=W/O Peg, W/O Pad, +Reel
- 8. INSULATOR HEIGHT
E=4.2mm
- 9. CONTACT INSERTING OPTION
A=Fully Loaded
- 10. INSULATOR COLOR:
3=Black



RECOMMENDED P.C.B LAYOUT
 TOLERANCES: ±0.05mm

○ =CPK-dimension



UNLESS OTHERWISE SPECIFIED TOLERANCE	
ANG.	±5°
D.	±0.5
.0	±0.3
.00	±0.2
SCALE:	AS SHOWN UNIT: mm

MC-COMPONENTS

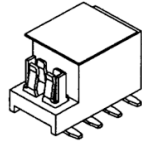
REV.		DESCRIPTION	DATE	SCALE	REV.	FILE NAME:
B	ECN-0511070(Emily)	△(4,F)(4,E)(5,G)(5,E)(7,D)	11/09/05	1:1	B	715DF016SBXEA3
A	ECN-0511023(Emily)		11/01/05			715DF016SBXEA3
						715DF016SBXEA3(W)

DRAWN: JOE 11/10/05
 CHECKED: Pearl 11/10/05
 APPROVED: Mark 11/10/05

DRAWN NAME: FEMALE HEADER-SMT
 Pitch: 1.27x1.27mm
 PRODUCT NO. 715DF016SBXEA3
 FILE NAME: 715DF016SBXEA3(W)

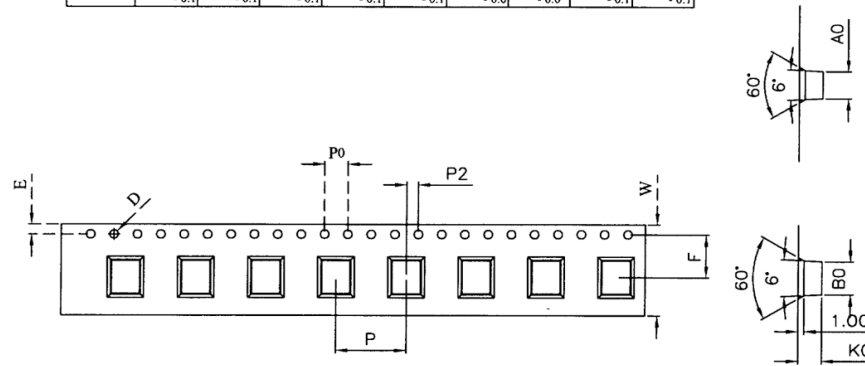
NOTE:

1. 10 sprocket hole pitch cumulative tolerance ± 0.2
2. Carrier camber is 1mm in 100mm
3. A0 and B0 measured on a plane 0.3mm above the bottom of the pocket
4. K0 measured from a plane on the inside bottom of the pocket to the top surface of the carrier
5. All dimensions meet EIA-481-2 requirements
6. 13"IR= 13M 1000PCS

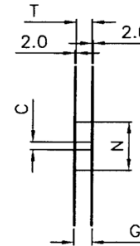
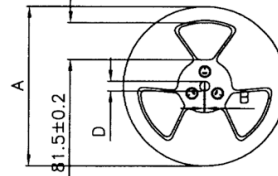


ITEM	A0	K0	K1	P	E	D	D1	P0	P2
DIM	4.8 ^{+0.1} _{-0.1}	4 ^{+0.1} _{-0.1}	0 ^{+0.1} _{-0.1}	12 ^{+0.1} _{-0.1}	1.75 ^{+0.1} _{-0.1}	1.5 ^{+0.1} _{-0.0}	1.5 ^{+0.25} _{-0.0}	4.0 ^{+0.1} _{-0.1}	2.0 ^{+0.1} _{-0.1}

CIRCUITS	W	B0	F	CIRCUITS	W	B0	F
03 pin				22 pin			
04 pin	16	5.8	7.5	23 pin			
05 pin				24 pin			
06 pin				25 pin			
07 pin				26 pin			
08 pin				27 pin			
09 pin				28 pin			
10 pin				29 pin			
11 pin				30 pin			
12 pin				31 pin			
13 pin				32 pin			
14 pin				33 pin			
15 pin				34 pin			
16 pin				35 pin			
17 pin				36 pin			
18 pin				37 pin			
19 pin				38 pin			
20 pin				39 pin			
21 pin				40 pin			



Dimension							Carrier Tape
A	B ± 0.5	C ± 0.2	D ± 1.0	N ± 1.0	T ± 0.1	G ± 0.1	W
330	2.2	13	20.2	100	8.5	13.1	8
330	2.2	13	20.2	100	12.5	17.1	12
330	2.2	13	20.2	100	17	21.1	16
330	2.2	13	20.2	100	24.5	29.1	24
330	2.2	13	20.2	100	32.5	37.0	32
330	2.2	13	20.2	100	44.5	49.1	44
330	2.2	13	20.2	100	56.5	61.1	56
330	2.2	13	20.2	100	72.5	77.1	72
330	2.2	13	20.2	100	88.5	93.1	88

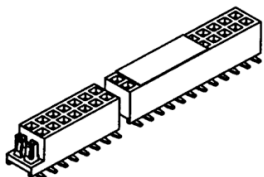


UNLESS OTHERWISE SPECIFIED TOLERANCE		MC-COMPONENTS
0	± 0.3	
.00	± 0.20	
.000	± 0.100	
SCALE: AS SHOWN	UNIT: mm	
DRAWN: JOE	05/14/09	DRAWN NAME: FEMALE HEADER - SMT
CHECKED: Pearl	05/15/09	Pitch: 1.27x1.27mm 2/2
APPROVED: Joe	05/15/09	PRODUCT NO: 715DE008XB5AA3
SIZE: A4	REV: A	FILE NAME: 715DE008XB5AA3(C6)

REV.	DESCRIPTION	DATE
A	ECN-0905099(Queenie)	05/14/09

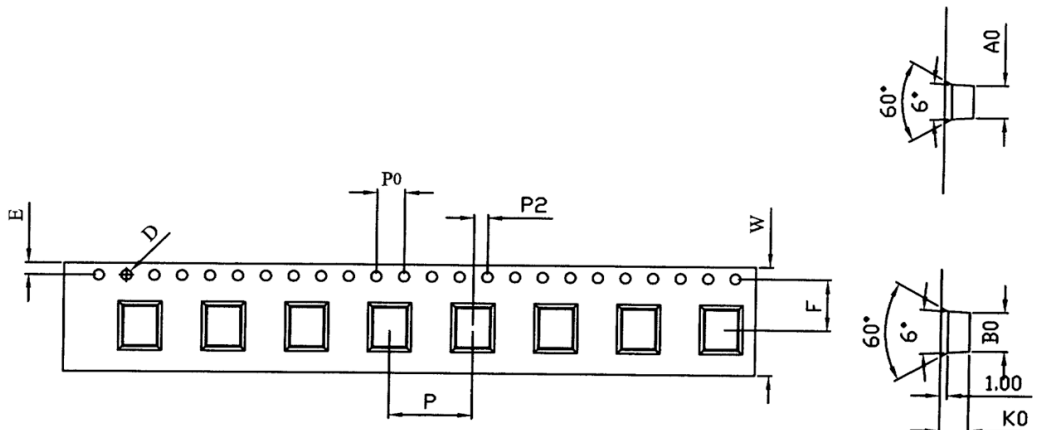
NOTE:

1. 10 sprocket hole pitch cumulative tolerance ± 0.2
2. Carrier camber is 1mm in 100mm
3. A0 and B0 measured on a plane 0.3mm above the bottom of the pocket
4. K0 measured from a plane on the inside bottom of the pocket to the top surface of the carrier
5. All dimensions meet EIA-481-2 requirements
6. 13"1R= 13M 1000PCS

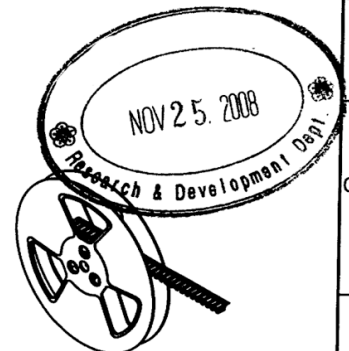
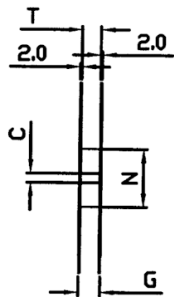
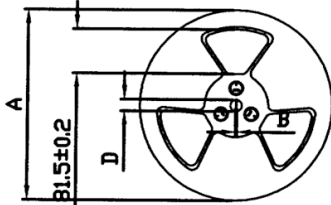


ITEM	A0	K0	K1	P	E	D	D1	P0	P2
DIM	4.8 ^{+0.1} _{-0.1}	4 ^{+0.1} _{-0.1}	0 ^{+0.1} _{-0.1}	12 ^{+0.1} _{-0.1}	1.75 ^{+0.1} _{-0.1}	1.5 ^{+0.1} _{-0.0}	1.5 ^{+0.25} _{-0.0}	4.0 ^{+0.1} _{-0.1}	2.0 ^{+0.1} _{-0.1}

CIRCUITS	W	B0	F	CIRCUITS	W	B0	F
03 pin				22 pin			
04 pin	16	5.8	7.5	23 pin			
05 pin				24 pin			
06 pin				25 pin			
07 pin				26 pin			
08 pin				27 pin			
09 pin				28 pin			
10 pin				29 pin			
11 pin				30 pin			
12 pin				31 pin			
13 pin				32 pin			
14 pin				33 pin			
15 pin				34 pin			
16 pin				35 pin			
17 pin				36 pin			
18 pin				37 pin			
19 pin				38 pin			
20 pin				39 pin			
21 pin				40 pin			



Dimension							Carrier Tape
A	B ± 0.5	C ± 0.2	D ± 1.0	N ± 1.0	T ± 0.1	G ± 0.1	W
330	2.2	13	20.2	100	8.5	13.1	8
330	2.2	13	20.2	100	12.5	17.1	12
330	2.2	13	20.2	100	17	21.1	16
330	2.2	13	20.2	100	24.5	29.1	24
330	2.2	13	20.2	100	32.5	37.0	32
330	2.2	13	20.2	100	44.5	49.1	44
330	2.2	13	20.2	100	56.5	61.1	56
330	2.2	13	20.2	100	72.5	77.1	72
330	2.2	13	20.2	100	88.5	93.1	88



UNLESS OTHERWISE SPECIFIED TOLERANCE		MC-COMPONENTS
.0	± 0.3	
.00	± 0.2	
.000	± 0.1	
SCALE: AS SHOWN	UNIT: mm	
DRAWN PEARL	11/19/08	DRAWN NAME: FEMALE HEADER - SMT
CHECKED cherry	11/30/08	Pitch: 1.27x1.27mm
APPROVED Joe	11/30/08	PRODUCT NO. 715DXXXXBAA3
DATE	SIZE A4	REV. B
		FILE NAME: 715DXXXXB0AA3(C6)

REV.	DESCRIPTION	DATE
B	ECN-0811173(Queenie) ADD DWG 2/2	11/18/08
A	ECN-0704044(Sally)	03/30/07