

PART NUMBER CODING**SFH210-PP_C-D_-ID-BK-M208**

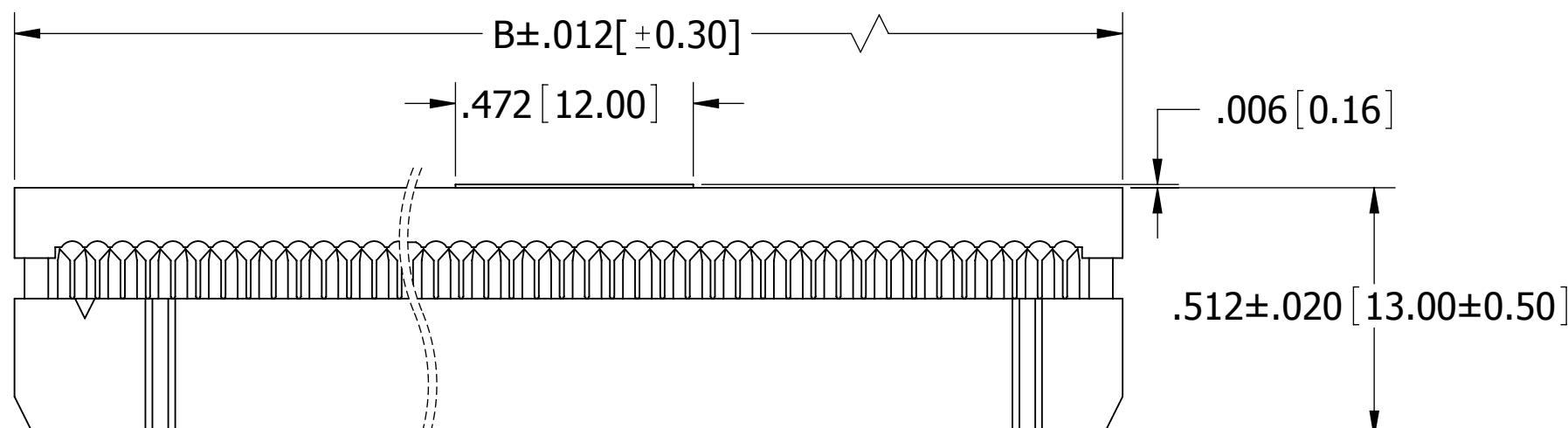
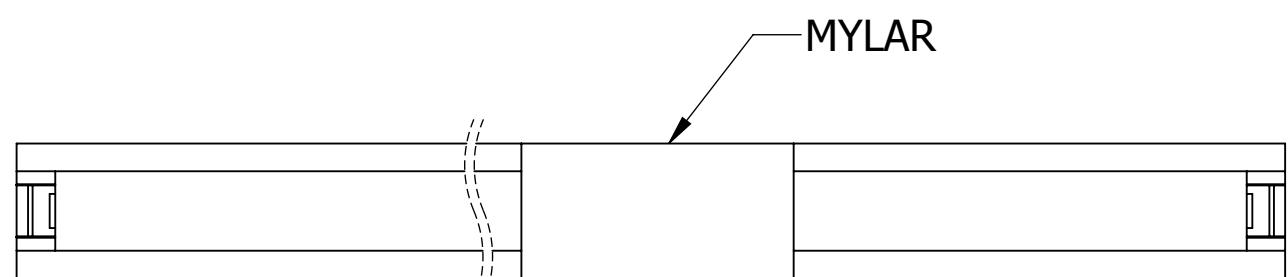
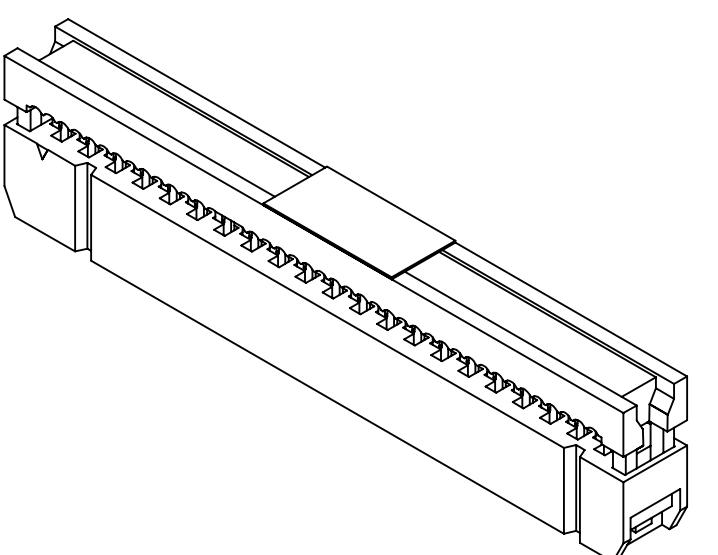
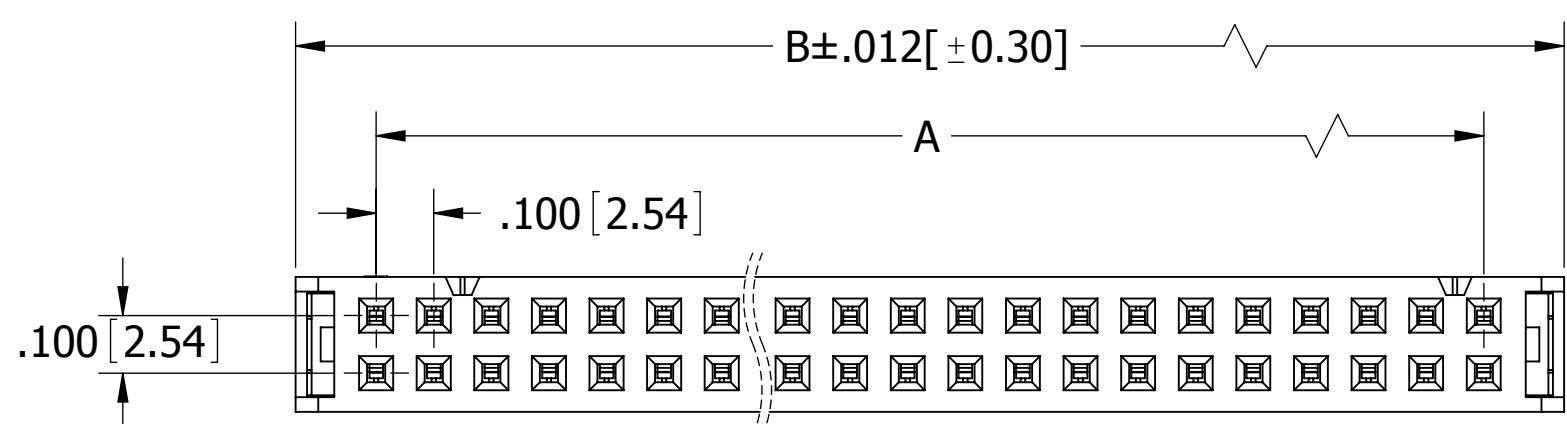
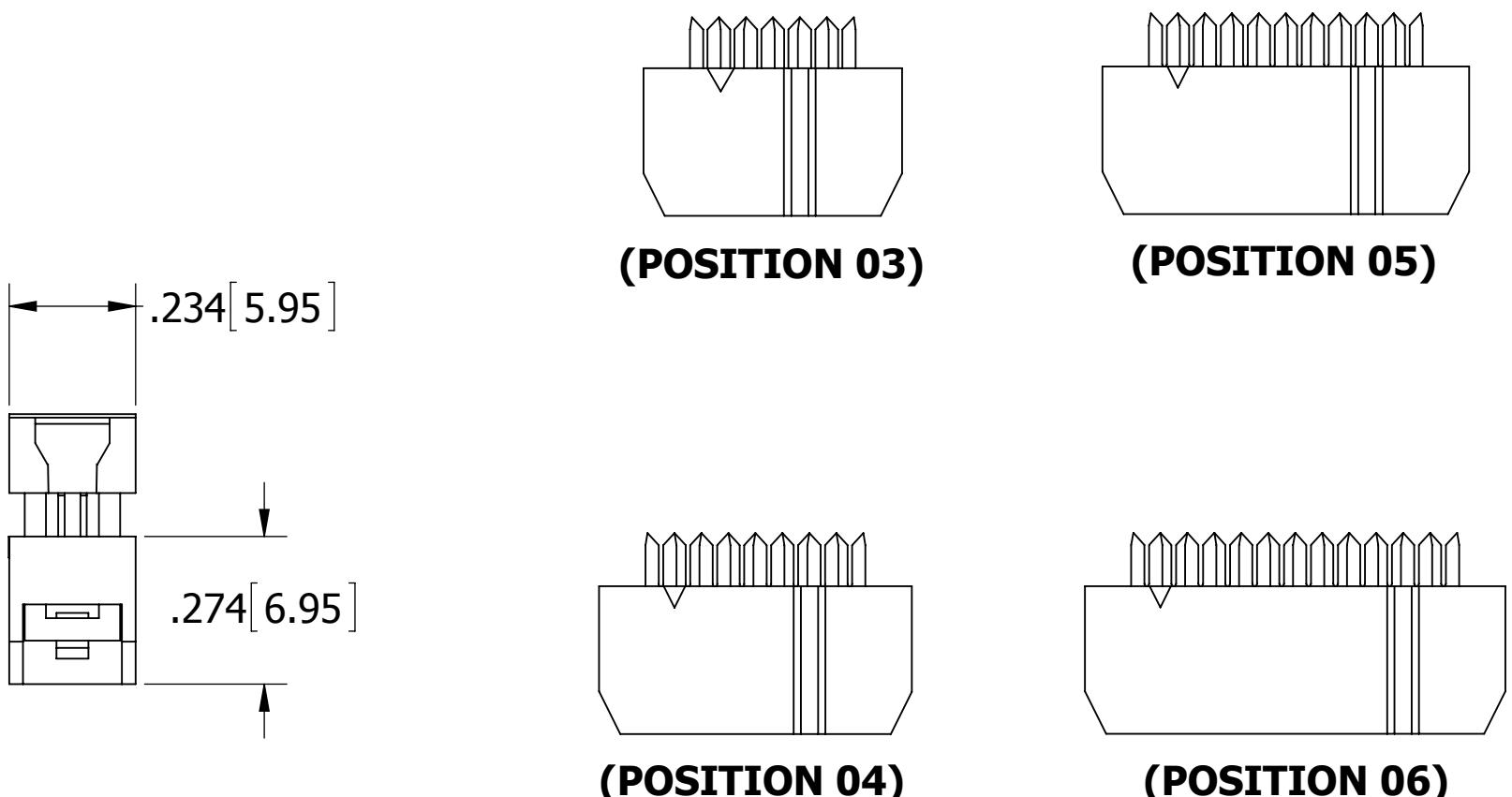
COLOR
BK = BLACK
NUMBER OF POSITIONS
(CONTACTS PER ROW)
PLATING
(SEE PLATING TABLE)

PLATING TABLE

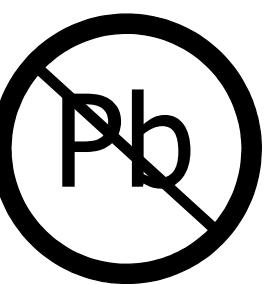
CONTACT SURFACE	TERMINATION
P = GOLD FLASH	GOLD FLASH
V = GOLD FLASH	NICKEL
K = .000015" GOLD	NICKEL
J = .000015" GOLD	GOLD FLASH
E = .000100" PURE TIN, MATTE	.000100" PURE TIN, MATTE

REVISIONS

REV.	ECO. NO	DESCRIPTION	DATE	BY
C	2159	UPDATE NOTE 10 FOR FLAT RIBBON CABLE SPEC.	07/05/2010	LH
D	2818	UPDATE POSITION 04 FRONT VIEW	02/18/2014	LH
E	3374	UPDATE POSITION 03 VIEW	02/01/2016	LH

**(POSITION 07 THRU 25)****NOTES:**

1. INSULATOR MATERIAL: PBT 30% GLASS FIBER.
2. CONTACT MATERIAL: PHOSPHOR BRONZE.
3. OPERATING TEMPERATURE: -40 °C TO +105 °C.
4. UL FLAMMABILITY RATING: 94V-0.
5. CURRENT RATING: 1 AMP PER CONTACT.
6. INSULATION RESISTANCE: 3,000 MEGOMHS MIN.
7. CONTACT RESISTANCE: 30 MILLIOHMS MAX.
8. DIELECTRIC WITHSTANDING: 500 V AC.
9. MATES WITH SBH11 SERIES
10. FOR .050" [1.27mm] PITCH FLAT RIBBON CABLE, 26 - 28 AWG WIRE RANGE.
11. M208 DENOTES PART WITHOUT POLARIZING KEY, WITH MYLAR, TAPE & REEL.



RoHS COMPLIANT

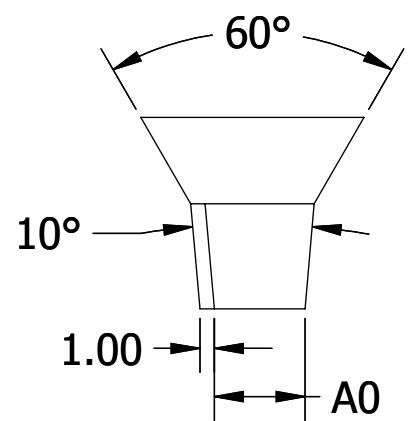
PART NUMBER	POSITIONS/ CONTACTS	A		B	
		INCH	MM	INCH	MM
SFH210-PP_C-D03-ID-BK-M208	03/06	0.200	5.08	0.480	12.18
SFH210-PP_C-D04-ID-BK-M208	04/08	0.300	7.62	0.580	14.72
SFH210-PP_C-D05-ID-BK-M208	05/10	0.400	10.16	0.680	17.26
SFH210-PP_C-D06-ID-BK-M208	06/12	0.500	12.70	0.780	19.80
SFH210-PP_C-D07-ID-BK-M208	07/14	0.600	15.24	0.880	22.34
SFH210-PP_C-D08-ID-BK-M208	08/16	0.700	17.78	0.980	24.88
SFH210-PP_C-D09-ID-BK-M208	09/18	0.800	20.32	1.080	27.42
SFH210-PP_C-D10-ID-BK-M208	10/20	0.900	22.86	1.180	29.96
SFH210-PP_C-D12-ID-BK-M208	12/24	1.100	27.94	1.380	35.04
SFH210-PP_C-D13-ID-BK-M208	13/26	1.200	30.48	1.480	37.58
SFH210-PP_C-D15-ID-BK-M208	15/30	1.400	35.56	1.680	42.66
SFH210-PP_C-D17-ID-BK-M208	17/34	1.600	40.64	1.880	47.74
SFH210-PP_C-D20-ID-BK-M208	20/40	1.900	48.26	2.180	55.36
SFH210-PP_C-D25-ID-BK-M208	25/50	2.400	60.96	2.680	68.06

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]	DRAWN	DATE	NAME	SULLINS CONNECTOR SOLUTIONS	
		03/17/2009	JH		
TOLERANCES:					
ANGULAR:					
DECIMALS					
.XX = ± .012 [.3]					
XXX = ± .008 [.20]					
XXXX = ± .0040 [.100]					
TITLE		IDC SOCKET, .100" CC/RS			
PART NUMBER		SFH210-PP_C-D_-ID-BK-M208			
SIZE	CAGE CODE	DWG. NO.		REV	
C	54453	11225		E	
SCALE: 2:1					SHEET 1 OF 2

Notes:

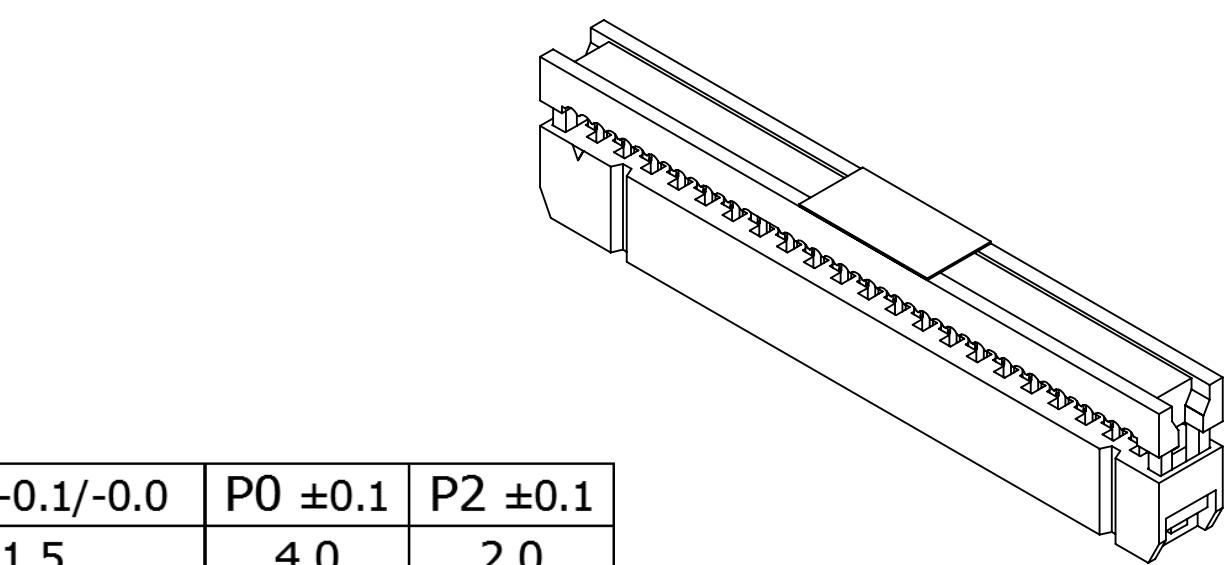
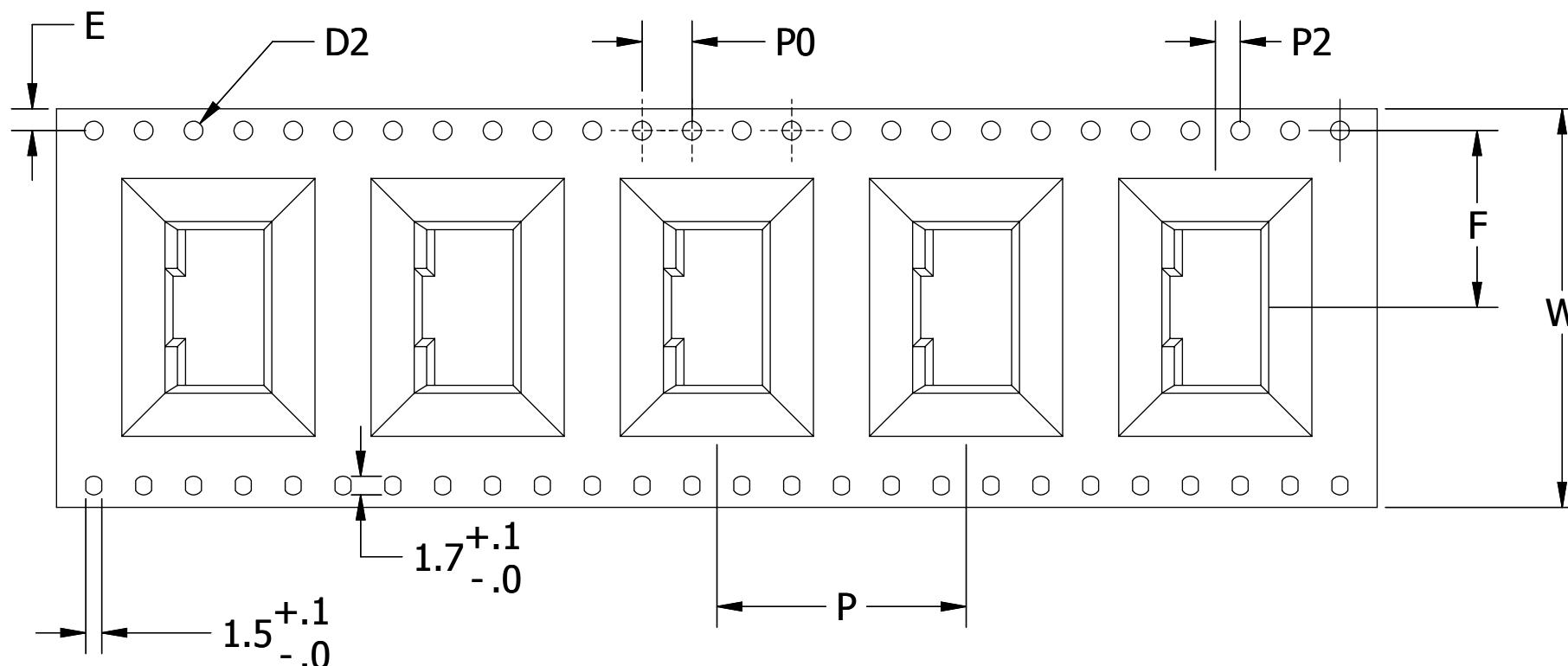
- 10 sprocket hole pitch cumulative tolerance $\pm 0.2\text{mm}$.
- Carrier camber is 1mm in 100mm.
- A0 and B0 measured on a plane 0.3mm above the bottom of the pocket.
- K0 measured from a plane on the inside bottom of the pocket to the top surface of the carrier.
- All dimensions meet EIA-481-2 requirements.
- One $\varnothing 13''$ reel = 5.5 meters (tape overall length), 250 pieces.

POSITIONS/ CONTACTS	DIMENSIONS (unit: mm)		
	W	B0	F
03/06	32	12.5	14.2
04/08	32	15.0	14.2
05/10	44	17.6	20.2
06/12	44	20.3	20.2
07/14	44	22.6	20.2
08/16	44	25.2	20.2
09/18	56	27.7	26.2
10/20	56	30.3	26.2
12/24	56	35.3	26.2
13/26	56	37.9	26.2
15/30	72	43.0	34.2
17/34	72	48.0	34.2
20/40	88	55.7	42.2
25/50	88	68.4	42.2

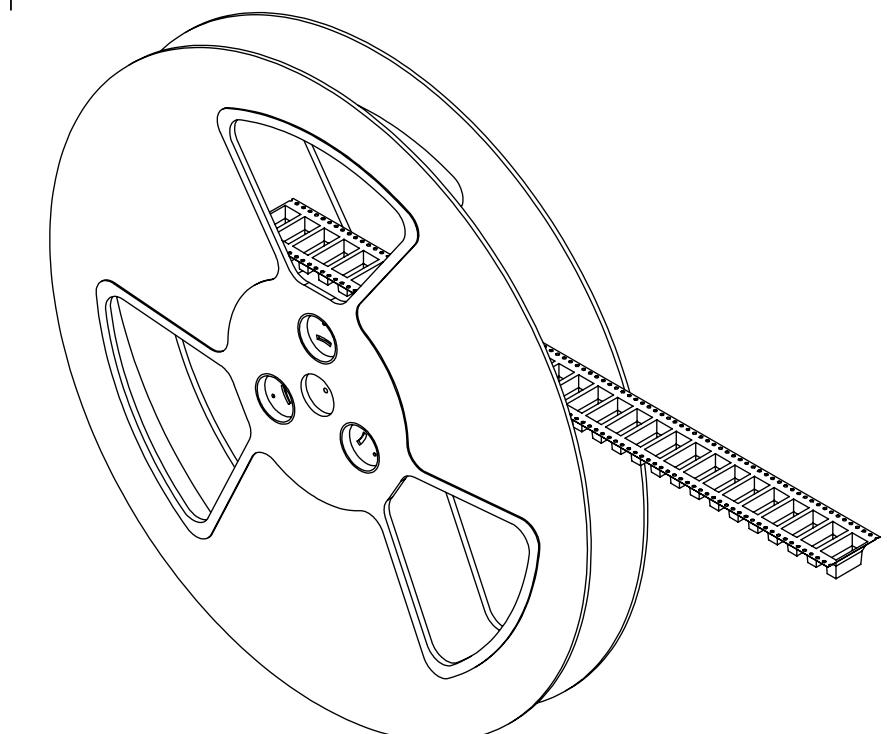
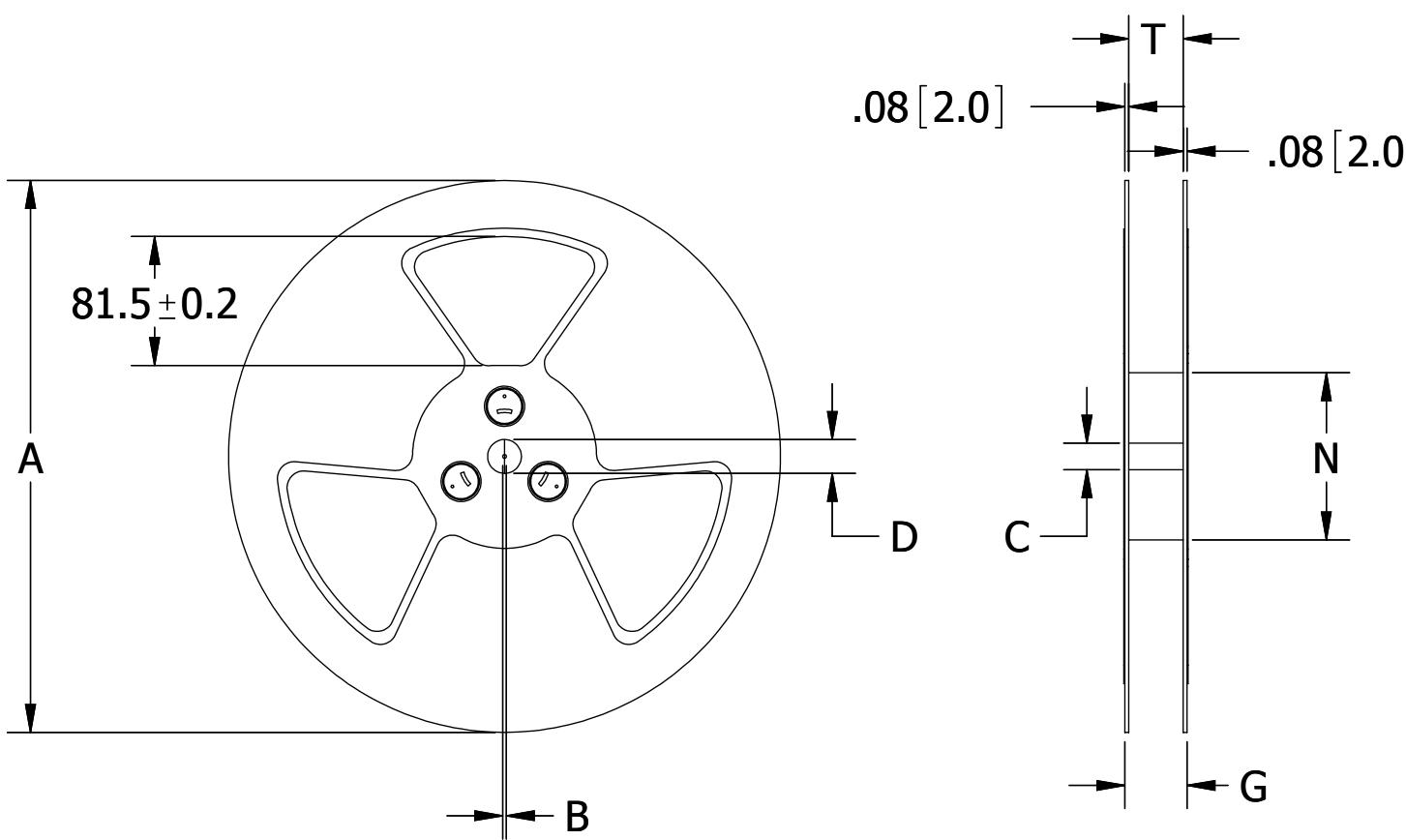


DEVICE TYPE: SFH210-PP_C-D__-ID-BK-M208 T&R

DIMENSIONS (unit: mm)	A0 ± 0.1	K0 ± 0.1	P ± 0.1	E ± 0.1	D2 $+0.1/-0.0$	P0 ± 0.1	P2 ± 0.1
	6.3	13.3	20	1.75	1.5	4.0	2.0



DIMENSIONS (unit: mm)							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	17.0	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



Dimension Unit: mm



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES [MM]

TOLERANCES:
ANGULAR:
DECIMALS
 $.XX = \pm .012 [3]$
 $XXX = \pm .008 [20]$
 $XXXX = \pm .0040 [100]$

DRAWN DATE NAME
03/17/2009 JH

THE INFORMATION HEREIN CONTAINS
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PURPOSE EXCEPT AS SPECIFICALLY
AUTHORIZED IN WRITING BY AN
OFFICER OF SULLINS ELECTRONICS.

TITLE IDC SOCKET, .100" CC/RS
PART NUMBER SFH210-PP_C-D__-ID-BK-M208
SIZE CAGE CODE DWG. NO.
C 54453 11225 REV E
SCALE: 2:1 SHEET 2 OF 2

SULLINS
CONNECTOR SOLUTIONS