

PART NUMBER CODING

SWR204-NR_N-D_-RA-GA

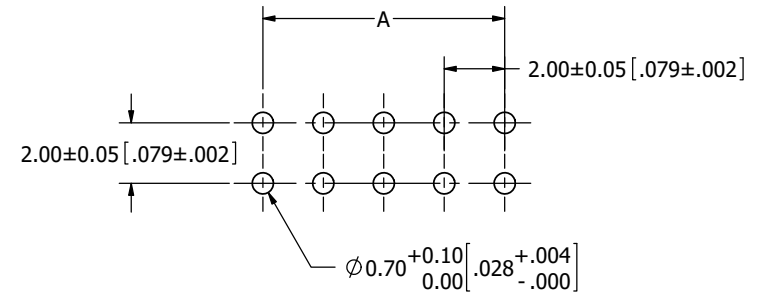
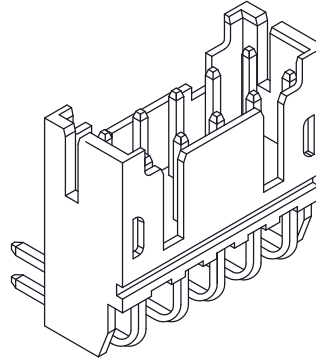
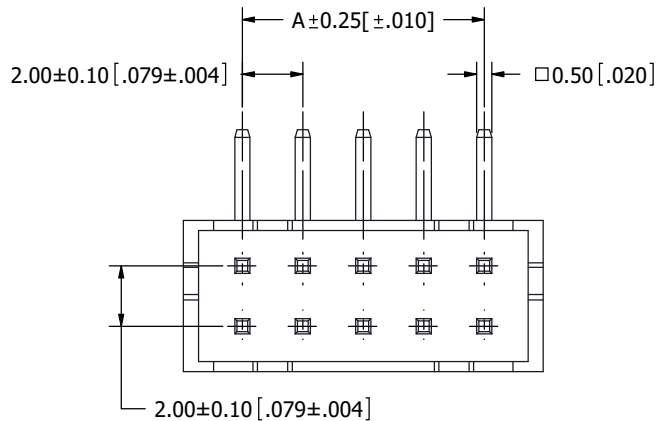
NUMBER OF POSITIONS
(CONTACTS PER ROW)

PLATING

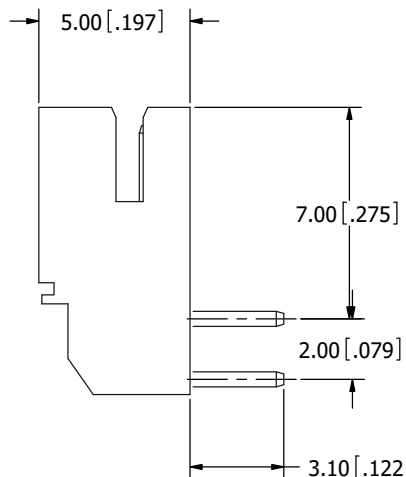
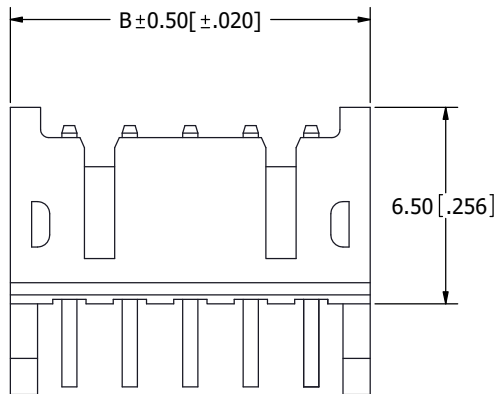
ALL PLATINGS HAVE .000020" MIN. NICKEL UNDERPLATE

P = GOLD FLASH OVERALL

T = PURE TIN, BRIGHT OVERALL



RECOMENDED PCB LAYOUT
P.C BOARD THICKNESS: 1.6mm[.063"]



NOTES:

1. INSULATOR MATERIAL: NYLON 66, UL94V-0, COLOR: NATURAL.
2. CONTACT MATERIAL: BRASS.
3. CONTACT PLATING: SEE PART NUMBER CODING.
4. CURRENT RATING: 3 AMPS
5. VOLTAGE RATING: 50V AC/DC.
6. INSULATOR RESISTANCE: 1000 MEGOHMS MIN.
7. CONTACT RESISTANCE: 10 MILLIOHMS MAX.
8. DIELECTRIC WITHSTANDING VOLTAGE: 800V AC.
9. OPERATING TEMPERATURE: -25° C TO +85° C.
10. PROCESSING TEMPERATURE: MANUAL / WAVE SOLDERING ONLY
11. MATES WITH SWH204 SERIES DUAL ROW HOUSING.



RoHS COMPLIANT

REVISIONS

REV.	ECO. NO	DESCRIPTION	DATE	BY
B	2643	UPDATE FRONT VIEW	08/31/2012	LH
C	3404	UPDATE LOCKING SLOT ON FRONT VIEW AND ISO VIEW, UPDATE TAIL LENGTH TO 3.10mm(WAS 3.00mm)	03/17/2016	LH
D	4503	ADD 'P' PLATING OPTION, PROCESSING TEMP. NOTE	3/16/2022	JH

Part Number	Positions/ Contacts	A		B	
		MM	INCH	MM	INCH
SWR204-NR_N-D02-RA-GA	02/04	2.00	0.079	5.90	0.232
SWR204-NR_N-D03-RA-GA	03/06	4.00	0.157	7.90	0.311
SWR204-NR_N-D04-RA-GA	04/08	6.00	0.236	9.90	0.390
SWR204-NR_N-D05-RA-GA	05/10	8.00	0.315	11.90	0.469
SWR204-NR_N-D06-RA-GA	06/12	10.00	0.394	13.90	0.547
SWR204-NR_N-D07-RA-GA	07/14	12.00	0.472	15.90	0.626
SWR204-NR_N-D08-RA-GA	08/16	14.00	0.551	17.90	0.705
SWR204-NR_N-D09-RA-GA	09/18	16.00	0.630	19.90	0.783
SWR204-NR_N-D10-RA-GA	10/20	18.00	0.709	21.90	0.862
SWR204-NR_N-D11-RA-GA	11/22	20.00	0.787	23.90	0.941
SWR204-NR_N-D12-RA-GA	12/24	22.00	0.866	25.90	1.020
SWR204-NR_N-D13-RA-GA	13/26	24.00	0.945	27.90	1.098
SWR204-NR_N-D14-RA-GA	14/28	26.00	1.024	29.90	1.177
SWR204-NR_N-D15-RA-GA	15/30	28.00	1.102	31.90	1.256
SWR204-NR_N-D16-RA-GA	16/32	30.00	1.181	33.90	1.335
SWR204-NR_N-D17-RA-GA	17/34	32.00	1.260	35.90	1.413
SWR204-NR_N-D20-RA-GA	20/40	38.00	1.496	41.90	1.650

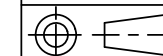
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MM(INCHES)

TOLERANCES:

ANGULAR:

X = ± 0.3 [0.1]
XX = ± 0.30 [0.12]

DRAWN DATE NAME
5/25/2011 LH
THE INFORMATION HEREIN CONTAINS
PROPRIETARY INFORMATION OF
SULLINS ELECTRONICS AND IS NOT
TO BE REPRODUCED, USED OR
DISCLOSED TO OTHERS FOR ANY
PURPOSE EXCEPT AS SPECIFICALLY
AUTHORIZED IN WRITING BY AN
OFFICER OF SULLINS ELECTRONICS.



TITLE
WAFER 2.0mm[.079"] CC, DUAL ROW, RA

PART NUMBER
SWR204-NR_N-D_-RA-GA

SIZE CAGE CODE DWG. NO. REV
54453 11630 D

SCALE: 8:1 SHEET 1 OF 1