



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

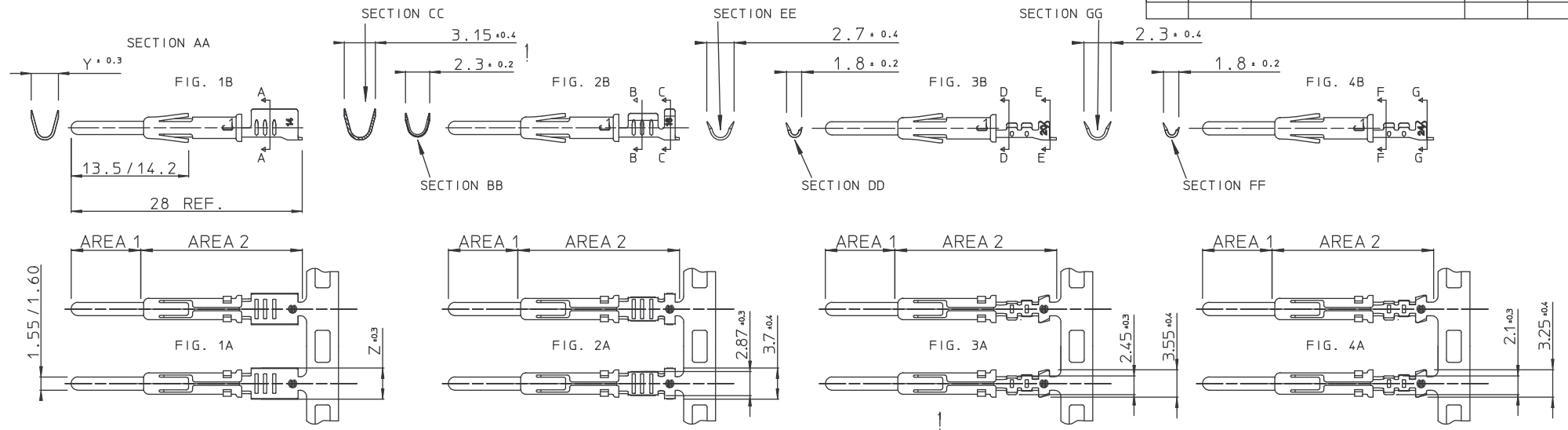
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|----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|------|-------------|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|----------------------------|-----------------------------------------|------|--|
| GEN. ST. | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 0D | 50 | 60 | 70 | 80 | 90 | REV. | DATE | DESCRIPTION | BY | C'K'D' | | | | | | | | | | | | | | | | | | |
| INT. ST. | 10 | 11 | 12 | 13 | 14 | 18 | 20 | 31 | 32 | 33 | 34 | 38 | 39 | 40 | 42 | 43 | 44 | 45 | 46 | 48 | 56 | 70 | 72 | 73 | 75 | 76 | 81 | 82 | 83 | 84 | 88 | 04 | 08.03.00 | TABLE UPDATED WITH CATALOG | K.N. | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 05 | 06.24.03 | ADD 'S30' PLATING | R.Ch | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 06 | 09.01.03 | MODIFICATION DESCRIPTION 'S30' PLATING' | R.Ch | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 07 | 22.01.04 | MODIFICATION DESCRIPTION 'D70' PLATING' | R.Ch | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| MALE CONTACT CAT. N°. | FIG. | Z | Y | WIRE SIZE AWG | WIRE SIZE MM² | WIRE INSUL. DIAM. IN MM. | WIRE STRIP LENGTH IN MM. | HAND CRIMP M8ND/Y8ND DIE SET | TOOLING HANDTOOL FOR LOOSE PIECE | AUTOMATIC CRIMP TOOLING LEFT SIDE APPLICATOR (NOT INCLUDED) | STRIPPER UNIT | EXTRACTION TOOL |
|-----------------------|----------|------|-----|---------------|---------------|--------------------------|--------------------------|------------------------------|----------------------------------|-------------------------------------------------------------|---------------|-----------------|
| SM24M1* SM24ML1* | 4A 4B | | | 26/24 | 0.13/0.25 | 0.89/1.58 | 4.0 | N24RT11 | Y16SCM2 | MLS0318B | | |
| SM20M1* SM20ML1* | 3A 3B | | | 22/20 | 0.35/0.50 | 1.17/2.08 | 4.0 | N20RT29 | | MLS0555A | | RX2025GE1 |
| SM16M11* SM16ML11* | 2A 2B | | | 18/16 | 0.80/1.50 | 3.0 | 4.65 | N16RT26 | | MLS0356A | SC10S1 | RX2025GE2 |
| SM16M1* SM16ML1* | 1A 1B | 2.87 | 2.3 | 18/16 | 0.80/1.50 | 2.0/3.0 | 6.35 | N16RT24 | Y14SCM | MLS1579 | | |
| SM14M1* SM14ML1* | 1A 1B | 3.3 | 3.3 | 14 | 2.0 | 3.0 | 6.35 | N14RT13 | | MLS1047 | | |

CONSTRUCTION

CONTACT BODY : HIGH CONDUCTIVITY COPPER ALLOY.
 OUTER SPRING : STAINLESS STEEL.
 * PLATING : S6 = 0.75 μ GOLD MIN. OVER 2 μ Ni (AREA 1)
 : GOLD FLASH OVER 2 μ Ni (AREA 2)
 : D70 = GOLD FLASH OVER 2 μ Ni (AREA 1)
 : TK6 = 2-5 μ Sn PRE-PLATED (AREA 1 + AREA 2)

PACKING CONTACTS ON STRIP : 3000 PCS. PER REEL, E.G. SM16M11*
 PACKING LOOSE PIECE CONTACTS : 100 PCS PER STD. PACKING, E.G. SM16ML11*
 CONNECTOR ACCOMMODATION

THESE CONTACTS CAN BE USED IN ANY CONTACT POSITION IN ANY CONNECTOR IN THE TRIM TRIO INTERCONNECTION SYSTEM : MSM RECTANGULAR CONN., SMS QIKMATE CONN., UT BANTAM CONN. AND METALOK BANTAM CONN..

PERFORMANCE CHARACTERISTICS

CURRENT RATING : 13 A
 CONTACT RESISTANCE : <= 6 m Ohm
 OPERATING VOLTAGE : 750 V RMS
 CONTACT RETENTION IN BODY : 65 N MIN.
 INDIVIDUAL INSERTION FORCE : 3.5 N MAX.
 INDIVIDUAL WITHDRAWAL FORCE : 0.55 N MIN.

RELEASED FOR PRODUCTION

| | | | | | |
|---------------------------------------------------------------------------------|--------------|---------------------------------|-------------|--------------|--------------------------------------------------|
| 1DEC ±0.2 2DEC ±0.1 ANGLES ±1° HOEKEN | 1DEC 2DEC | APPR. | DATE | SIGN. | MALE FORMED TWO PIECE CONTACT |
| WE RESERVE THE RIGHT TO CHANGE DIMENSIONS OR REQUIREMENTS WITHOUT PRIOR NOTICE. | | DRAFT | 11-06-86 | R.VERBEEK | CAT. No. SM--M--+ |
| ALL DIMENSIONS IN MM | | CHECKED | | | SOURIAU Route Nationale 23 72470 CHAMPAGNE |
| ALLE AFMETINGEN IN MM | | PR.D. MGR. | | | |
| | | PR.ENG. MGR. | | | BS, C , 200178, 001, 07 |
| | | PR.MGT. MGR. | | | DRAWING No. CUSTOMER DRAWING |
| | | REFERENCES / REFERENTIES | | | |

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 DIT IS ONZE EIGENDOM EN MAG NOCH NAGEMAAKT. HERDRUKT, OVERGEMAAKT AAN DERDEN, NOCH VOOR FABRIKATIE GEBRUIKT WORDEN, ZONDER ONZE SCHRIFTELIJKE TOELATING, BIJ NIET GEBRUIK IS TERUGZENDING VERPLICHT.