

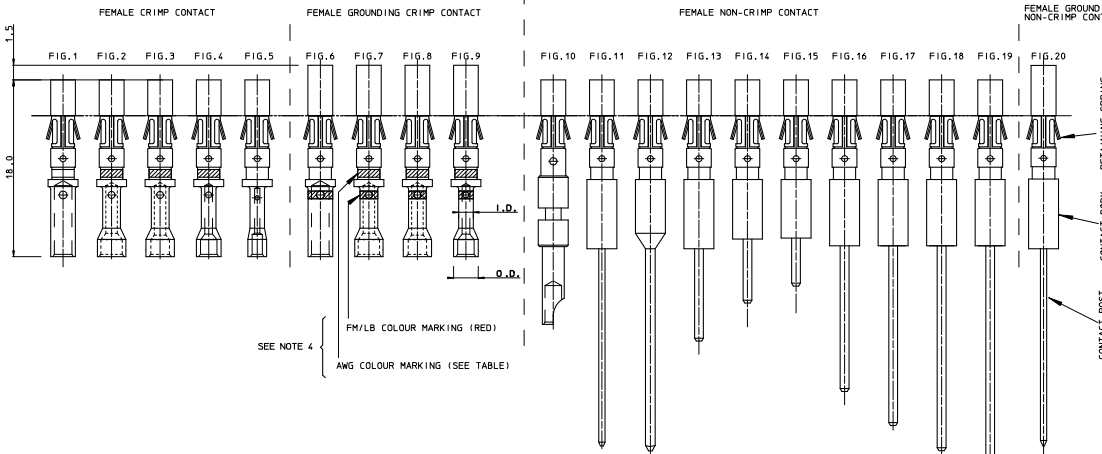
BS,C , 201448,001,08

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|----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| GEN. ST. | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 0D | 50 | 60 | 70 | 80 | 90 | | | | | | | | | | | | | | | | | |
| 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 |

| REV. | DATE | DESCRIPTION | BY | DIFF. |
|------|----------|--|------|-----------------------|
| 03 | 05.10.01 | REC 9.3574 | N.L. | |
| 04 | 30.05.02 | REC 9.3583 | N.L. | |
| 05 | 13.10.03 | RC20M12E85 ET RC20M12E86 ADDED | R Ch | |
| 06 | 08/01/07 | DELETE EXTERN CHAMFER AT THE REAR OF CTS | R Ch | W 18 448 DIN 41758 |
| 07 | 02/04/09 | ADD NOTE 3 (PACKING) | R Ch | |
| 08 | 21/04/09 | ADD D70 AND D28 PROTECTION - ADD NOTE 4 | R Ch | |

FEMALE CRIMP CONTACTS

FEMALE NON-CRIMP CONTACTS



| PERFORMANCE CHARACTERISTICS | |
|-----------------------------|---------------|
| CURRENT RATING | : 13 AMP |
| CONTACT RESISTANCE | : 3 m Ohm |
| OPERATING VOLTAGE | : 750 V RMS |
| CONTACT RETENTION IN BODY | : 110 N MIN. |
| INDIVIDUAL INSERTION FORCE | : 4.5 N MAX. |
| INDIVIDUAL WITHDRAWAL FORCE | : 0.55 N MIN. |

| MATERIAL | |
|-----------------------|--|
| CONTACT BODY | : BRASS |
| PLATING: | J - K-N-L-M-D70-D28 - GOLD FLASH OVER NICKEL |
| T | - 3-5 μ TIN OVER NICKEL |
| RETAINING SPRING | : BERYLLIUM COPPER NOT PLATED |
| INNER CONTACT SPRING: | BERYLLIUM COPPER |
| PLATING: | J - GOLD FLASH OVER NICKEL |
| K | - 0.4 μ GOLD OVER NICKEL |
| N | - 0.75 μ GOLD OVER NICKEL |
| L | - 1.10 μ GOLD OVER NICKEL |
| M | - 1.75 μ GOLD OVER NICKEL |
| T | - 3-5 μ TIN OVER NICKEL |
| D70 | - GOLD FLASH OVER NICKEL |
| D28 | - 0.75 μ GOLD OVER NICKEL |

| NOTES | |
|--------------------------------|--|
| 1. CONTACTS SUITABLE FOR | : MSM - UT - BANTAM, METALOK BANTAM, UTP BANTAMATE 11, SMS OIKHATE. |
| 2. FEMALE CONTACT ACCEPTS DIA. | 1.6 MM MALE CONTACTS. |
| 3. PACKING | - RC--M-- 50 pcs Bulk packing - RC--M--E25 25 pcs Bulk packing - RC--M--1500 1000 pcs Bulk packing |
| 4. MARKING | - NO COLOUR MARKING FOR D70 AND D28 PROTECTION |

FEMALE CRIMP CONTACTS

| PART NUMBER | FIG. | COLOUR CODE SEE NOTE 4 | WIRE SIZE | | WIRE DIA. MAX. | INSUL. DIA. MAX. | WIRE STRIP LENGTH | I.D. | O.D. | HAND TOOLS INCLUDING DIE SET WITH 3 GROOVES | HAND-CRIMP-TOOLING | | | | SEMI-AUTO CRIMPING MACHINE | EXTRACTION TOOL |
|-------------|------|---------------------------|-----------|-----------|-------------------|---------------------|----------------------|------|------|---|---------------------------|-----------------|---------------------------|--------------------------------|----------------------------------|--------------------|
| | | | AWG | MM | | | | | | | POSITIONER (INCLUDED) | LOCATOR SETTING | DIE SET (NOT INCLUDED) | STOP BUSHING (NOT INCLUDED) | | |
| RC16M23+ | 1 | --- | 20-16 | 0.52-1.50 | 1.82 | --- | 7.1 | 2.55 | --- | MR8GE5 AND Y16RCM | 4 (ANG20) - 8 (ANG16) | S3D1 | SL39 | N16RT21 | RX2025GE1 AND RX2025GE2 | |
| RC20M12+ | 2 | BLUE | 22-20 | 0.32-0.52 | 1.18 | 2.2 | 4.8 | 1.83 | 2.92 | | 5/7 (ANG22) - 6/7 (ANG20) | S10 | SL40 | N20RT30 | | |
| RC20M13+ | 3 | BLACK | 22-20 | 0.32-0.52 | 1.18 | 1.9 | 4.8 | 1.83 | 2.92 | | 5/7 (ANG22) - 6/7 (ANG20) | S10 | SL40 | N20RT30 | | |
| RC24M9+ | 4 | RED | 26-24 | 0.13-0.20 | 0.8 | 1.7 | 4.8 | 1.50 | 2.55 | | 5 (ANG26) - 6 (ANG24) | S9 | SL40 | N24RT10 | | |
| RC20M11+ | 5 | --- | 30-28 | 0.05-0.08 | 0.55 | 1.1 | 4.8 | 1.50 | 1.90 | | 5 (ANG30) - 6/5 (ANG28) | S9 | SL40 | N24RT10 | | |
| RC16M23GE1+ | 6 | --- + RED | 20-16 | 0.52-1.50 | 1.82 | --- | 7.1 | 2.55 | --- | | 4 (ANG20) - 8 (ANG16) | S3D1 | SL39 | N16RT21 | | |
| RC20M12GE1+ | 7 | BLUE + RED | 22-20 | 0.32-0.52 | 1.18 | 2.2 | 4.8 | 1.83 | 2.92 | | 5/7 (ANG22) - 6/7 (ANG20) | S10 | SL40 | N20RT30 | | |
| RC20M13GE1+ | 8 | BLACK + RED | 22-20 | 0.32-0.52 | 1.18 | 1.9 | 4.8 | 1.83 | 2.92 | | 5/7 (ANG22) - 6/7 (ANG20) | S10 | SL40 | N20RT30 | | |
| RC24M9GE1+ | 9 | RED + RED | 26-24 | 0.13-0.20 | 0.8 | 1.7 | 4.8 | 1.50 | 2.55 | | 5 (ANG26) - 6 (ANG24) | S9 | SL40 | N24RT10 | | |

FEMALE NON-CRIMP CONTACTS

| CATALOG NUMBER | TYPE | FIG. | WIRE SIZE | | POST CROSS SECTION | LENGTH OUT OF TRIM-TRIO CAVITY | ANTI-ROTATING BUSHING CAT. NR. | EXTRACTION TOOL |
|----------------|------------|------|-------------|-----------|-----------------------|-----------------------------------|-----------------------------------|-------------------------------|
| RC16SE4+ | HANDSOLDER | 10 | 16-20 | 1.50-0.52 | ∅ 1.7 | 3.5+3 | --- | RX2025GE1 AND RX2025GE2 |
| RC20M12G4+ | MINI-WRAP | 11 | 28-30 SOLID | 0.08-0.05 | T 0.636 X 0.635 | 16.0+3 | J1661 | |
| RC20M12GE00+ | MAXI-WRAP | 12 | 28-26 SOLID | 0.52-0.13 | I 1 X 1 | 16.5+3 | J1661GE00 | |
| RC20M12E+ | DIPSOLDER | 13 | --- | --- | ∅ 0.9 | 5.2+3 | --- | |
| RC20M12E1+ | DIPSOLDER | 14 | --- | --- | ∅ 0.9 | 1.3+3 | --- | |
| RC20M12E2+ | DIPSOLDER | 15 | --- | --- | ∅ 0.9 | -0.5+3 | --- | |
| RC20M12E3+ | DIPSOLDER | 16 | --- | --- | ∅ 0.9 | 10.4+3 | --- | |
| RC20M12E4+ | DIPSOLDER | 17 | --- | --- | ∅ 0.9 | 13.9+3 | --- | |
| RC20M12E5+ | DIPSOLDER | 18 | --- | --- | ∅ 0.9 | 16.5+3 | --- | |
| RC20M12E6+ | DIPSOLDER | 19 | --- | --- | ∅ 0.9 | 17.3+3 | --- | |
| RC20M12GE41+ | MINI-WRAP | 20 | 28-30 SOLID | 0.08-0.05 | T 0.636 X 0.635 | 16.0 | J1661 | |

* PLATING IDENTIFICATION

| | | | | | |
|---|------------------|-----------------|------------------|--|--|
| 1DEC +0.2 1DEC 2DEC +0.1 2DEC ANGLES ±1° HOEKEN | APPR. CHECKED | DATE 17-4-92 | SIGN. M BUEDS | RC CONTACTS OVERVIEW | |
| WE RESERVE THE RIGHT TO CHANGE DIMENSIONS OR REGUL REQUIREMENTS WITHOUT PRIOR NOTICE. | | | | CAT. No. RC----- | |
| ALL DIMENSIONS IN MM ALLE AFMETINGEN IN MM | | | | SOURIAU Route Nationale 23 72470 CHAMPAGNE | |
| REFERENCES / REFERENTIES | | | | SCALE | |
| | | | | BS,C , 201448,001,08 DRAWING No. CUSTOMER DRAWING | |

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DIT IS ONZE EIGENDOM EN MAG NIET OVERNEMEN, HERKOPERT, OVERGEHAKT AAN DERDEN, NIET VOOR PARTIJE GEBRUIKT WORDEN, ZONDER ONZE SCHRIFTELIJKE TOELATING. BIJ NIET GEBRUIK IS TERUGZENDING VERPLICHT.