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|  |           |       |        |          |           |          |           |           |            |    |
|--|-----------|-------|--------|----------|-----------|----------|-----------|-----------|------------|----|
| MACHINING DEVIATIONS FOR LINEAR DIMENSIONS | RANGE     | 0 - 6 | 6 - 30 | 30 - 120 | 120 - 315 | 315-1000 | 1000-2000 | 2000-4000 | ABOVE 4000 | RA |
|  | TOLERANCE | ±0.1  | ±0.2   | ±0.3     | ±0.5      | ±0.8     | ±1.2      | ±2        | ±3         | ~  |

FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-227

UNSPECIFIED TOLERANCE FOR LINEAR AND ANGULAR DIMENSIONS REF. IS 2102 (PT-I) (MEDIUM)      QUALITY OF WELD JOINTS REF. RD 230 MEDIUM

VALUES OF SURFACE TEXTURE SHALL BE AS PER COMPANY STD DS. 1012.C.

WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96

STATUS: \_\_\_\_\_

### TECHNICAL REQUIREMENT

1. TYPE: THIN WALLED ELECTRON BEAM IRRADIATED FLEXIBLE ELASTOMERIC CABLE WITH COPPER CONDUCTOR
2. SIZE: 1.5 Sqmm 4 CORE UNSCREENED & DIA CONFORMS TO DATA SHEET-3 OF RCF SPEC. EDTS132, REV-C WITH AMMENDMENT 1,2&3.
3. INSULATION: GRADE- 600/1000V
4. COLOUR : a) OUTER SHEETH-BLACK  
b) CORES-BLACK, BROWN, WHITE & YELLOW/GREEN
5. SPECIFICATION: CABLE SHALL CONFORM TO RCF SPEC. EDTS132(DATA SHEET-3), REV-C WITH AMMENDMENT 1,2&3.
6. THE FIRM SHOULD SUBMIT TYPE TEST AND ROUTINE TEST REPORT ALONG WITH THE ITEM
7. THE CABLE SHALL BE PROCURED FROM RDSO/RCF/ICF APPROVED SOURCES ONLY

**NOTE :**

REQUIRED LENGHT OF THE CABLES ARE INDICATED IN THE RESPECTIVE DRAWINGS

UNCONTROLLED

|                   |     |       |
|-------------------|-----|-------|
| GRADE No.         | N1  | 0.025 |
| VALUE             | N2  | 0.05  |
| SYMBOL            | N3  | 0.1   |
|                   | N4  | 0.2   |
| SURFACE ROUGHNESS | N5  | 0.4   |
|                   | N6  | 0.8   |
| SYMBOL            | N7  | 1.6   |
|                   | N8  | 3.2   |
| SYMBOL            | N9  | 6.3   |
|                   | N10 | 12.5  |
| SYMBOL            | N11 | 25    |
|                   | N12 | 50    |

| SL No. | QTY | PART / STOCK No. | DESCRIPTION                      | SIZE     | COMPANY STD./I.S   | Wt. (Kg)           |
|--------|-----|------------------|----------------------------------|----------|--------------------|--------------------|
|        |     |                  | PRODUCT                          | MEMU     |                    |                    |
|        |     |                  | REF DRG                          |          |                    |                    |
|        |     |                  | MATERIAL                         |          |                    |                    |
|        |     |                  | HEAT TREAT.                      | APPD     | <i>[Signature]</i> | <i>[Signature]</i> |
|        |     |                  | SURFACE TREAT.                   | REVD     |                    |                    |
|        |     |                  | TITLE                            | CHKD     | <i>[Signature]</i> | <i>[Signature]</i> |
|        |     |                  | 1.5 Sqmm CABLE,<br>4 CORE, EBEAM | DRWN     | <i>[Signature]</i> | <i>[Signature]</i> |
|        |     |                  |                                  | SCALE    |                    | SHEET              |
|        |     |                  |                                  | NTS      | 1 OF 1             | 0                  |
|        |     |                  | DRG No.                          | 90021130 |                    | ALT                |
|        |     |                  | BEML LIMITED                     |          |                    |                    |