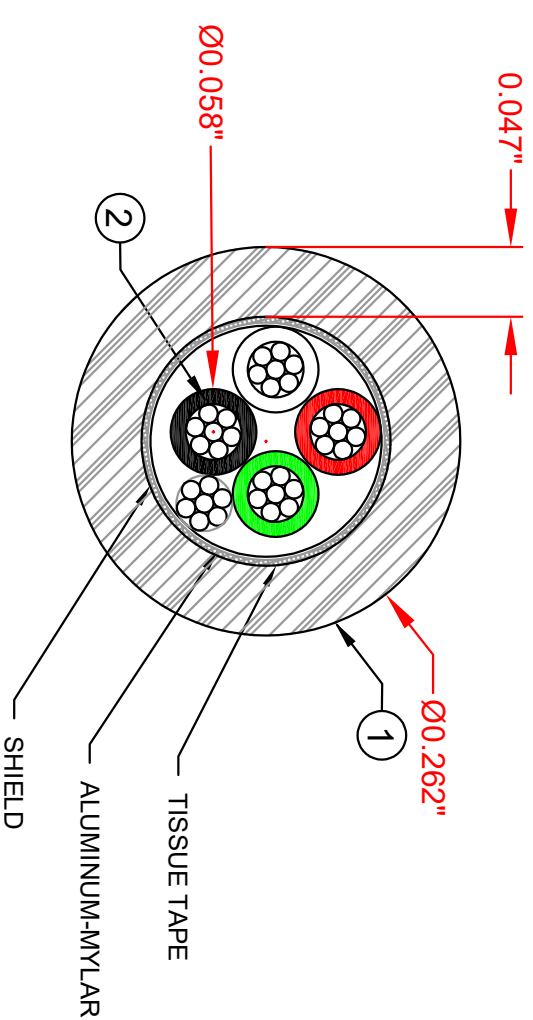


| PART NUMBER     | DESCRIPTION   |
|-----------------|---|
| <b>X-204B-0</b> | CABLE, 4 CONDUCTOR 18AWG (7/28) STRANDED TINNED COPPER, DRAIN / FOIL / SHIELD, BLACK POLYURETHANE JACKET. |


## PROPERTIES

|   |                     |  |
|---|---------------------|--|
| 1 | JACKET              | <ul style="list-style-type: none"> <li>◆ BLACK SHINY POLYURETHANE (NON-MAT FINISH)</li> <li>◆ WALL THICKNESS: 0.047" NOMINAL</li> <li>◆ OUTSIDE DIAMETER (OD): 0.262" NOMINAL</li> <li>◆ PRINT: WWW.XACT.CA X-204B-0_REV A ... CE RoHS</li> </ul>  |
| 2 | CONDUCTOR           | <ul style="list-style-type: none"> <li>◆ CONDUCTOR: 20 AWG (7/28) STRANDED TINNED COPPER, POLYPROPYLENE INSULATION SE191 OR EP315J</li> <li>◆ WALL THICKNESS: 0.010" NOMINAL</li> <li>◆ OUTSIDE DIAMETER (OD): 0.058" NOMINAL</li> <li>◆ DRAIN WIRE: 20AWG (7/28) STRANDED TINNED COPPER.</li> </ul> |
| 3 | COLOUR CODE         | 1 - BLACK<br>2 - RED<br>3 - WHITE<br>4 - GREEN   |
| 4 | CONSTRUCTION DETAIL | CABLING: FOUR INSULATED 20AWG CONDUCTORS AND DRAIN WIRE.<br>FOIL SHIELD: ALUMINUM-MYLER TAPE, ALUMINUM SIDE IN<br>SHIELD: 36 AWG TINNED COPPER BRAID, 70% COVERAGE.<br>SEPARATOR: TISSUE TAPE TO BE PULLED IN UNDER JACKET AT JACKETIN.  |
| 5 | ELECTRICAL PROPERTY | <ul style="list-style-type: none"> <li>◆ RATING: 80°C, 300V</li> <li>◆ CONDUCTOR DCR: 10.2 Ω/1000FT @20°C, NOMINAL</li> <li>◆ IMPEDANCE: 90Ω NOMINAL</li> <li>◆ QUALIFIED TEST VOLTAGE: 2000 V AC, per EN60204-1:2006 sec 12.3</li> </ul>  |
| 6 | RoHS                | THIS PRODUCT COMPLIES WITH ARTICLE 4(1) OF DIRECTIVE 2002/95/EC ON THE RESTRICTION OF THE USE OF CERTAIN HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT.<br>COAX CABLE: EU RoHS COMPLIANCE DATE: 01/01/2004   |



**APPROVED**  
 BY ENGINEERING: 20JAN2023  
 SEE DOCUMENTATION  
 CONTROL FOR ORIGINAL

FILE LOCATION: g:\engineering drawings\autocad blocks\cable spec sheets\X-204b-0 rev a.dwg  
 NOTICE:  
 ◆ SPECIFICATIONS ARE NOMINAL AND  
 ◆ ARE SUBJECT TO NORMAL MANUFACTURING TOLERANCE.  
 ◆ SPECIFICATION MAY BE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

|   |                              |   |
|---|------------------------------|---|
| <br><b>Engineered Manufacturing Solutions</b>  |                              | <ul style="list-style-type: none"> <li>◆ REMOVE ALL BURRS AND BREAK SHARP EDGES</li> <li>◆ REMOVE ALL DIMENSIONS TO CLASS 2 STANDARDS, OR MOST CURRENT REVISION, UNLESS OTHERWISE STATED.</li> <li>◆ MILITARY: BUILD TO IPC/WHM-A-620 CLASS 3 STANDARDS, MOST CURRENT REVISION, UNLESS OTHERWISE STATED.</li> <li>◆ OIL AND GAS: WHEN CLIENT DRAWING SUPPLIED, CLIENT TOLERANCES SUPERSEDE IPC/WHM-A-620 CLASS 2 STANDARDS</li> </ul> |
| DRAWING IS THE SOLE PROPERTY OF X-FACT ENGINEERED MANUFACTURING SOLUTIONS. WITHOUT THE WRITTEN PERMISSION OF X-FACT ENFS IS PROHIBITED. ANY MODIFICATION, REVISION OR ANY ADDITION TO THIS DRAWING MUST BE ORDERED AND BE NOTED IN THE DRAWING ALONG WITH A VALID ECN NUMBER. THIS DRAWING IS PROVIDED TO THE CLIENT AS VERIFICATION ONLY. X-FACT CUSTOM CABLE ASSEMBLIES ONLY. |                              | <b>LENGTH TOLERANCE</b><br>(SEE NOTES ABOVE)<br>LENGTH (FEET) TOLERANCE (INCHES)<br>≤ 5 FT = ± 1/16<br>> 5-10 FT = ± 1/8<br>> 10 FT = ± 1/4<br>ANGULAR: ± 6/-0<br>PART & MOLD = ± 3.0°<br>XXX = ± 0.03<br>XXXX = ± 0.010  |
| <b>DRAWING NO.</b>  | X-204B-0 REV A               |   |
| <b>CUST. P/N:</b>   | X-204B-0 REV A               |   |
| <b>CUST. NAME:</b>  | -                            |   |
| <b>TITLE:</b>   | CBL, 20A 4C F/D/B BLK FT1 PU |   |
| <b>DRAWN BY:</b>  | DRN DATE:                    | VERIFIED BY:  |
| JL  | 10/29/12                     | LA  |
| <b>CLIENT REV</b>   | SIZE                         | VER DATE:   |
| XXXX  | TABLOID                      | 20JAN2023   |
|   | SHEET                        | X-ACT REV   |
|   | NO. 1                        | A   |

## CUSTOM CABLE SPECIFICATION

QMF148 ISSUE #2

| REV | DESCRIPTION               | AP | DR | DATE     |
|-----|---------------------------|----|----|----------|
| A.2 | DELETED UL/CSA RATING     |    | MP | 02/15/22 |
| A.1 | ADDED CONDUCTOR DCS INFO. | PK | JZ | 05/16/18 |
| A   | INITIAL DESIGN            | LA | JL | 10/29/12 |