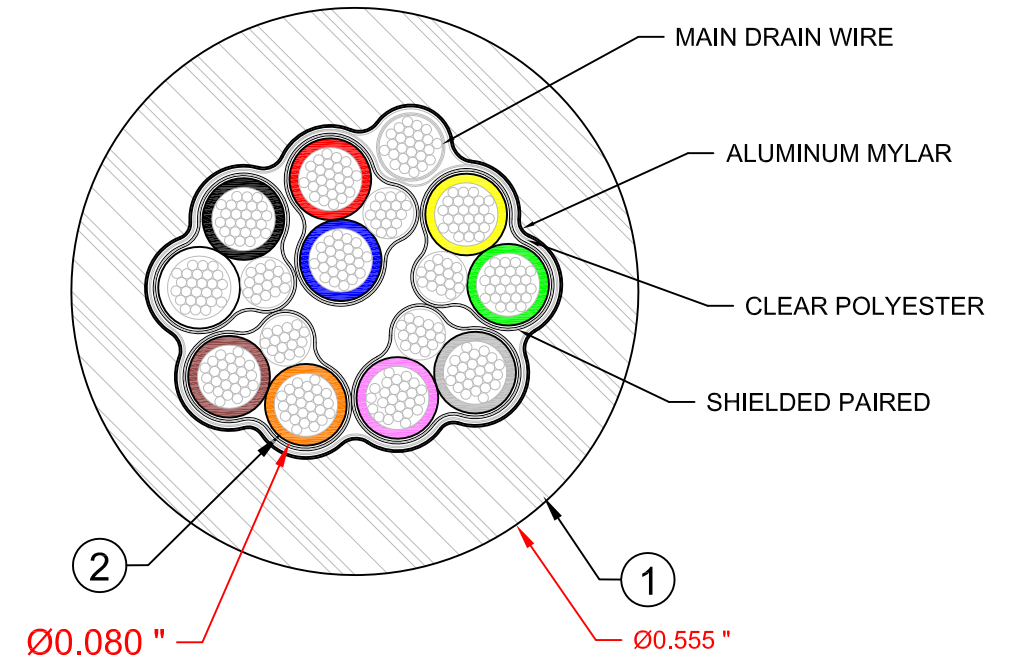


This drawing cannot be copied/reproduced or altered in any way without sole permission of Executive Management of X-Act Technologies.

PART NUMBER	DESCRIPTION
X-165P-0	CABLE, 5 SHIELDED TWISTED PAIR, OVERALL DRAIN / FOIL, BLACK POLYURETHANE

PROPERTIES

1	JACKET	<ul style="list-style-type: none"> ◆ PRESSURE EXTRUDE WITH A TISSUE PAPER, BLACK POLYURETHANE JACKET ◆ WALL THICKNESS: 0.050" NOMINAL ◆ FINISH OD: 0.555" NOMINAL ◆ PRINT: WWW.XACT.CA X-165P-0_REV B 16A/5STP, OA F/D AWM 20233 E54661 80°C 300V, CSA AWM LL54185 I/II A/B 80°C 300V FT1 CE... RoHS
2	CONDUCTOR	<ul style="list-style-type: none"> ◆ CONDUCTOR: 16 AWG (26/30) STRANDED TINNED COPPER, HIGH DENSITY PE INSULATION ◆ WALL THICKNESS: 0.010" NOMINAL ◆ FINISH OD: 0.082" NOMINAL ◆ DRAIN WIRE: PAIR: 18 AWG (16/30) STRANDED TINNED COPPER. MAIN: 16AWG (26/30) STRANDED TINNED COPPER.
3	COLOUR CODE	PR #1 : BLACK AND WHITE, WITH A DRAIN PR #2 : RED AND BLUE, WITH A DRAIN PR #3 : YELLOW AND GREEN, WITH A DRAIN WIRE PR #4 : PINK AND GRAY, WITH A DRAIN WIRE PR #5 : ORANGE AND BROWN, WITH A DRAIN WIRE
4	CONSTRUCTION DETAIL	PAIRING: TWO(2) 16 AWG INSULATED CONDUCTORS WITH A 18AWG DRAIN WIRE TWISTED TOGETHER 6 TWISTS PER FOOT, OVERALL ALUMINUM FFE FOIL SHIELD FACE IN TO TOUCH DRAIN WIRE, AND CLEAR POLYESTER MYLAR WRAP ON EACH PAIR. CABLING: BUNCH ALL FIVE(5) SHIELDED TWISTED PAIRS OVERALL WITH CLEAR POLYESTER TAPE WRAP, TOGETHER WITH A 16AWG DRAIN WIRE OVERALL ALUMINUM FOIL SHIELD FACE IN TO TOUCH DRAIN WIRE. CABLING WITH 1.8 TWIST PER FOOT. SEPARATOR: A TISSUE TAPE TO BE PULLED IN UNDER JACKET AT JACKETING.
5	ELECTRICAL PROPERTY	<ul style="list-style-type: none"> ◆ RATING: 300V 80°C AWM 20233 ◆ APPROVAL: CSA, 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 ELETRONIC EQUIPMENT.



NOTICE:
 ◆ SPECIFICATIONS ARE NOMINAL AND ARE SUBJECT TO NORMAL MANUFACTURING TOLERANCE.
 ◆ SPECIFICATION MAY BE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

APPROVED
 SEE DOCUMENTATION
 CONTROL FOR ORIGINAL

CUSTOM CABLE SPECIFICATION
 QMF148 ISSUE #2

B	JUN-28-2013	INITIAL DESIGN	L. AMOS
REV	DATE	DESCRIPTION	APPROVED BY

UNLESS OTHERWISE SPECIFIED: ◆ DIMENSIONS ARE IN INCHES (IMPERIAL UNIT) UNLESS OTHERWISE STATED ◆ REMOVE ALL BURRS & BREAK SHARP EDGES ◆ TOLERANCE ON: LENGTH → REFER TO LENGTH / OUTSIDE DIAMETER TABLE IN TOP LEFT CORNER ANGULAR → = ± 3° PART AND MOLD → XX = ± 0.03 XXX = ± 0.010		 Bay 56, 4216 - 54 Avenue SE Calgary, Alberta, Canada T2C 2E3 Phone (403) 291-9175 • Fax (403) 291-9173 www.xact.ca
DRAWN: J. B. LY CHECKED: L. AMOS APPROVED BY: L. AMOS	SIGNATURE: JBL DATE: JUN-28-2013 MDY JUL-02-2013	
TITLE: X-ACT TECH. - CBL 16AWG/5STP, F/D, BLK PU SIZE: TABLOID PART NO.: X-165P-0 FILE NO.: X-165P-0.dwg		REV: B SCALE: NO SCALE SHEET 1 OF 1