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DESCRIPTION: 18/3 AWM 22045 80C 600V

CUSTOMER: CATERPILLAR

CUSTOMER P/N: 379-1796

CORE DIMENSIONS FOR INTERNAL USE ONLY

UNITS: IN SCALE: 8:1

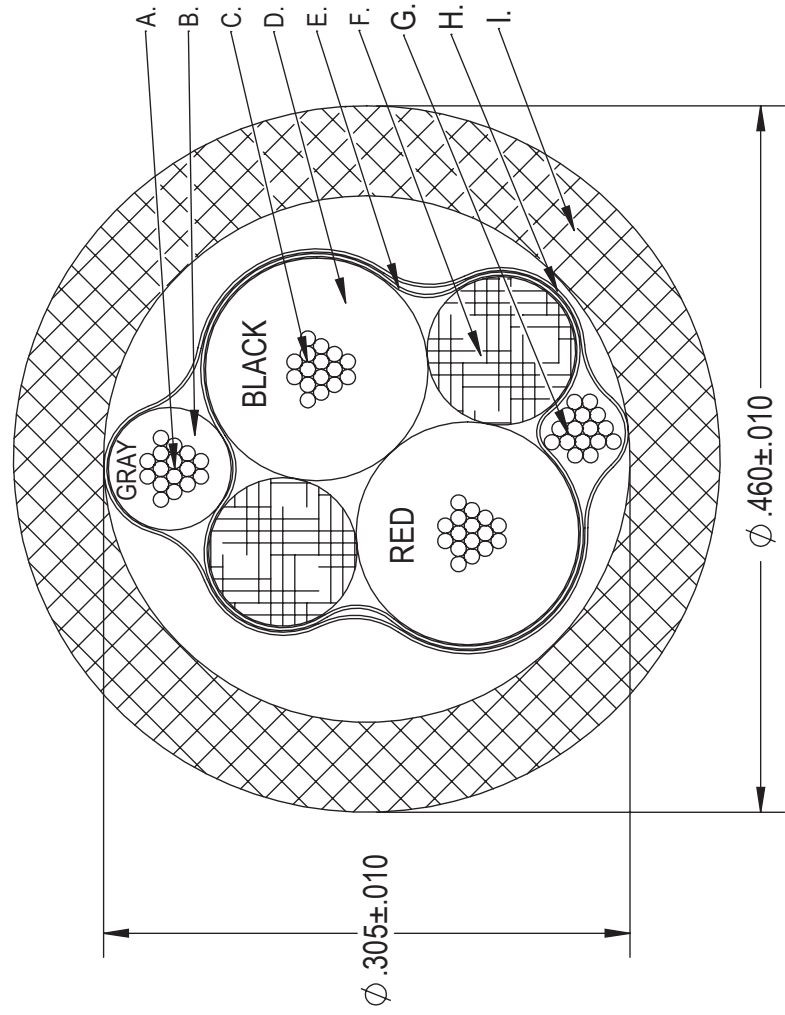
DWG NO: FAWM183-155

DATE: 3/24/2011

REV: E

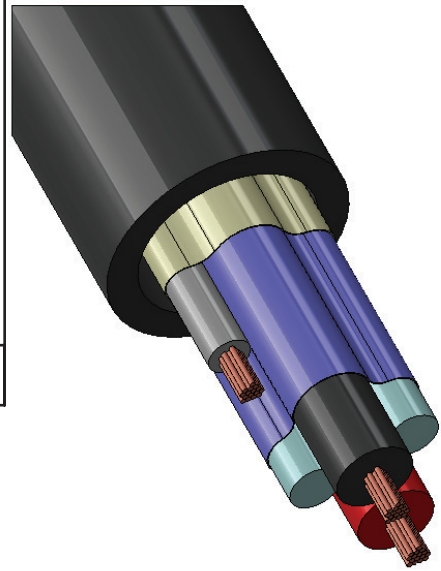
NWI P/N: FAWM183-155

DRAWN BY: DPLANGER



ITEM SPECIFICATIONS

A.	18 GAUGE 16x30BC BUNCHED
B.	16 MIL POLYETHYLENE INSUL PER AWM 10239 13 MIL MIN. POLYETHYLENE INSULATION O.D. .080 ±.002
C.	18 GAUGE 16x30BC BUNCHED
D.	45 MIL FOAMED PE INSULATION PER AWM 10232 42 MIL MIN. FOAMED POLYETHYLENE INSUL O.D. .145 ±.003
E.	ALUMINUM FOIL SHIELD; DUO-FOIL 25% MIN. OVERLAP 100% COVERAGE
F.	EXTRUDED POLYETHYLENE FILLER ROD O.D. .070 ±.002
G.	18 GAUGE 16x30BC DRAIN
H.	CLEAR MYLAR WRAP 20% MIN. OVERLAP 100% COVERAGE
I.	75 MIL TUBED TPE JACKET 80C 600V 65 MIL MIN. TPE JACKET BLACK JACKET UL RECOGNIZED AND CSA CERTIFIED
ROHS COMPLIANT MATERIALS TO EU DIRECTIVE 2011/65/EU	



ISOMETRIC VIEW  
FOR REFERENCE ONLY

LEGEND SPECIFICATIONS WHITE INK PRINT WHEEL  
RU AWM E54661 80C 600V CSA AWM LL54185 III A/B 80C 600V FT1



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DESCRIPTION:		UNITS: IN	SCALE: 60:1	ELECTRICAL REQUIREMENTS	
CUSTOMER: CATERPILLAR	NWI P/N: FAWM183-155	DWG NO: FAWM183-155	IMPEACANCE ON PAIR: 120 ± 10% Ohms		
CUSTOMER P/N: 379-1796	DRAWN BY: DPLANGER	DATE: 3/24/2011	CAPACITANCE ON PAIR: 11 ± 10% pF/FOOT		

MECHANICAL REQUIREMENTS	
NONE SPECIFIED	



WAS AWM STYLE 20626	E	6/30/16	DPL
UPDATED TO NEW FORMAT; FINISHED O.D. WAS .390; JACKET WALL WAS 35/28 MIL	D	3/24/16	DPL
ADDED CATERPILLAR PART NUMBER	C	6/20/11	DPL
CORE OD WAS .365; FINISHED OD WAS .445; MADE CHANGES BASED ON RESULTS OF INITIAL BUILD OF FCAB183-027	B	3/30/11	DPL
INITIAL RELEASE	A	3/24/11	DPL
REVISION RECORD	REV.	REV DATE	APR
REVISIONS			