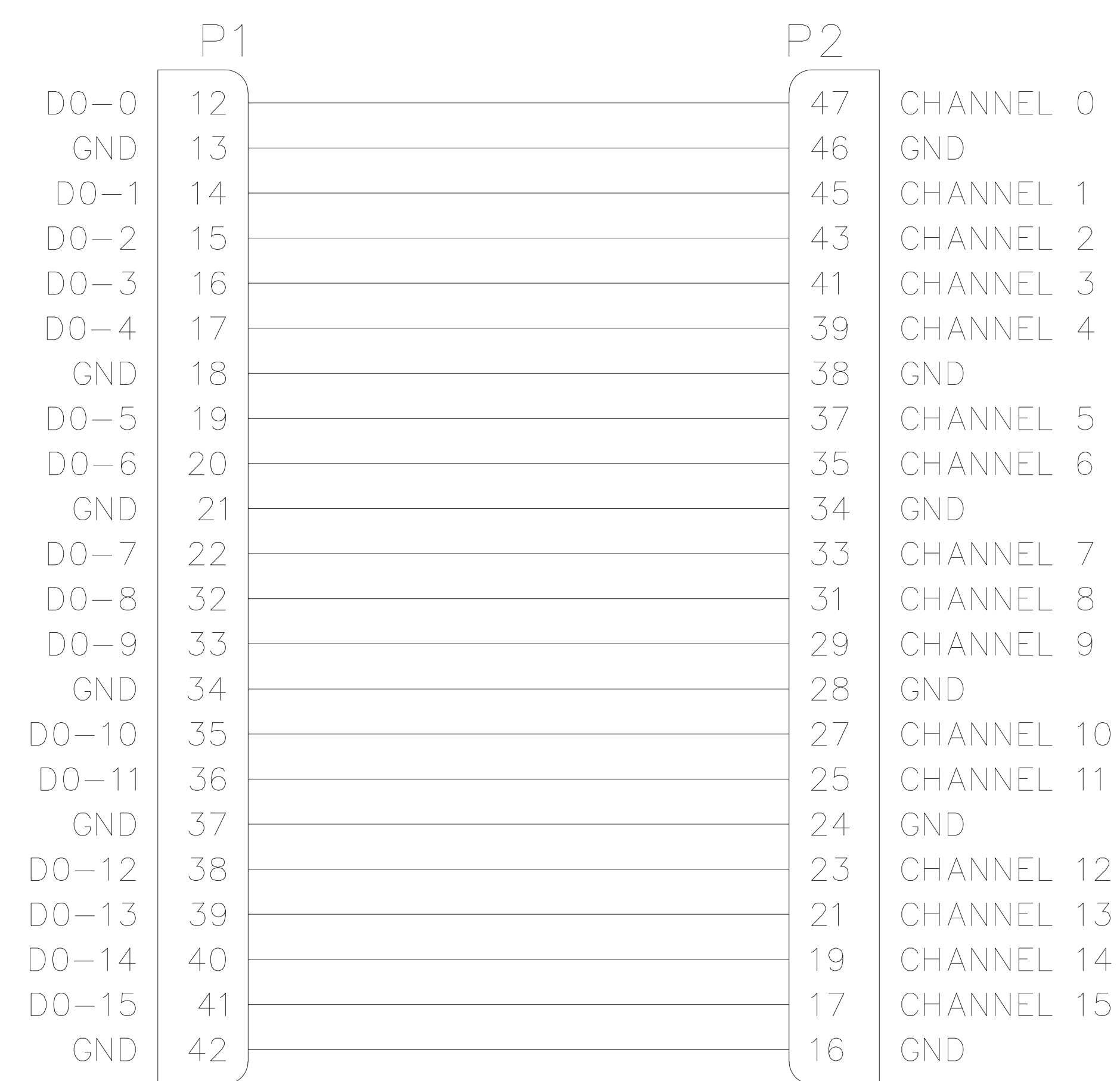


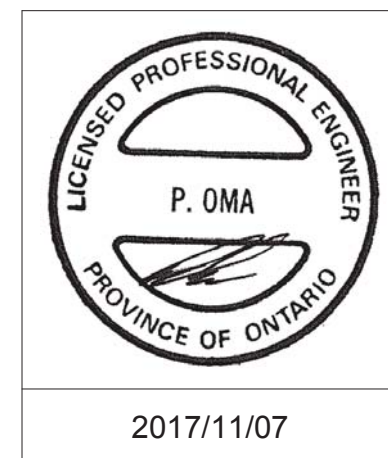
TEXT	LABEL
TEXT 1	A-0000278
TEXT 2	WIRE NUMBER
TEXT 3	VXI CONNECTOR NUMBER


NOTES:







- | | |
|---|---|
| 1 | DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994. |
| 2 | ASSEMBLE AS PER SCHEMATIC WIRING DIAGRAM. DISCARD UNUSED WIRES. |
| 3 | PARTS SUPPLIED WITH E-0000200. |
| 4 | TEXT TO APPEAR ON STRAIN RELIEF SIDE NOT CONTACTS SIDE. |



SCHEMATIC WIRING DIAGRAM



DATE:	2017/11/07
MDS RELEASED DOCUMENT	
AUTH:	

 <p>THIRD ANGLE PROJECTION</p>		UNLESS OTHERWISE SPECIFIED 1. DIMENSIONS ARE IN (mm)		CONTRACT NO.		 www.mdsaero.com	
		2. TOLERANCES WHOLE NUMBERS ± 0.25 DECIMALS XXX ± 0.125 XX ± 0.25 X ± 0.5 ANGLES ± 0.5°		DWN DATE 2017/11/27 CHKR DATE 2017/11/27 D.O. APP. DATE 2017/11/27 ENGIN DATE 2017/11/27 QA DATE PROJ MGR DATE DSGN APPVL DATE 2017/11/27 CLIENT DATE		TITLE CABLE ASSEMBLY, 16 CHANNEL DIGITAL I/O INTERFACE	
SYMBOL LEGEND ITEM BALLOON  REVISION TAG  NOTE FLAG 		UNLESS STATED OTHERWISE, COPIES AND PRINTS ARE UNCONTROLLED AND WILL NOT BE KEPT UP TO DATE. THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF MDS AERO SUPPORT CORPORATION. ANY REPRODUCTION, DISCLOSURE OR USE THEREOF IS PERMITTED ONLY AS PROVIDED BY CONTRACT, OR AS AUTHORIZED IN WRITING BY MDS AERO SUPPORT CORPORATION.		3. SURFACE FINISH  A-0000243 FIRST USED ON		SIZE A0 CODE OBGE3 DRAWING NO A-0000278 SCALE NONE WT — SHEET 1 OF	

A-0000278 - ASSEMBLY-CABLE, DIO INTERFACE, 16 CH, 12.7 MM, 30480 MM LN, Rev: 0

Find	Refdes	UOM	Part Number	Rev	Description	Vendor	Vendor Part Number	Qty
1		EA	E-0000429	0	CONNECTOR- IDC, CABLE, SOCKET, 2X32, 0.100 IN X 0.100 IN, 1000 V- RMS, 1 A, NO STRAIN RELIEF, POLARIZED, L OCKING	3M - MANUFACTURER	7964-6500EC	0
2		EA	E-0000431	0	CONNECTOR-IDC- ACCESSORY, STRAIN RELIEF, 64- PIN, STANDARD HEIGHT	3M - MANUFACTURER	3448-7964	0
3		EA	E-0000416	0	CONNECTOR- IDC, CABLE, SOCKET, 2X25, 0.100 IN X 0.100 IN, 1000 V- RMS, 1 A, NO STRAIN RELIEF, POLARIZED, L OCKING	3M - MANUFACTURER	3425-6600	1
4		EA	E-0000417	0	CONNECTOR-IDC- ACCESSORY, STRAIN RELIEF, 50- PIN, STANDARD HEIGHT	3M - MANUFACTURER	3448-3050	1
5		EA	E-0000425	0	CABLE-IDC- IMP, COPPER, FLAT, 300V, 28 AWG, 7X36, 5 0 0 COND., PVC, GREY, NO SHIELDING	3M - MANUFACTURER	C3365/60SF	0
						3M - MANUFACTURER	C3365/50SF	
6		EA	E-0000432	0	CONNECTOR-IDC- ACCESSORY, STRAIN RELIEF, PULL TAB, 3.1 I N WIDE	3M - MANUFACTURER	3490-7	0
7		EA	E-0000433	0	CONNECTOR-IDC- ACCESSORY, STRAIN RELIEF, PULL TAB, 2.5 I N WIDE	3M - MANUFACTURER	3490-5	1
8		EA	H-0013599	0	LABEL- PRODUCT, WIRE/CABLE, LAMINATED, 1.5 I N HT, THERMAL TRANSFER, SELF- ADHESIVE, POLYMER, WHITE	Brady - MANUFACTURER	WRCM-717-637	0.5