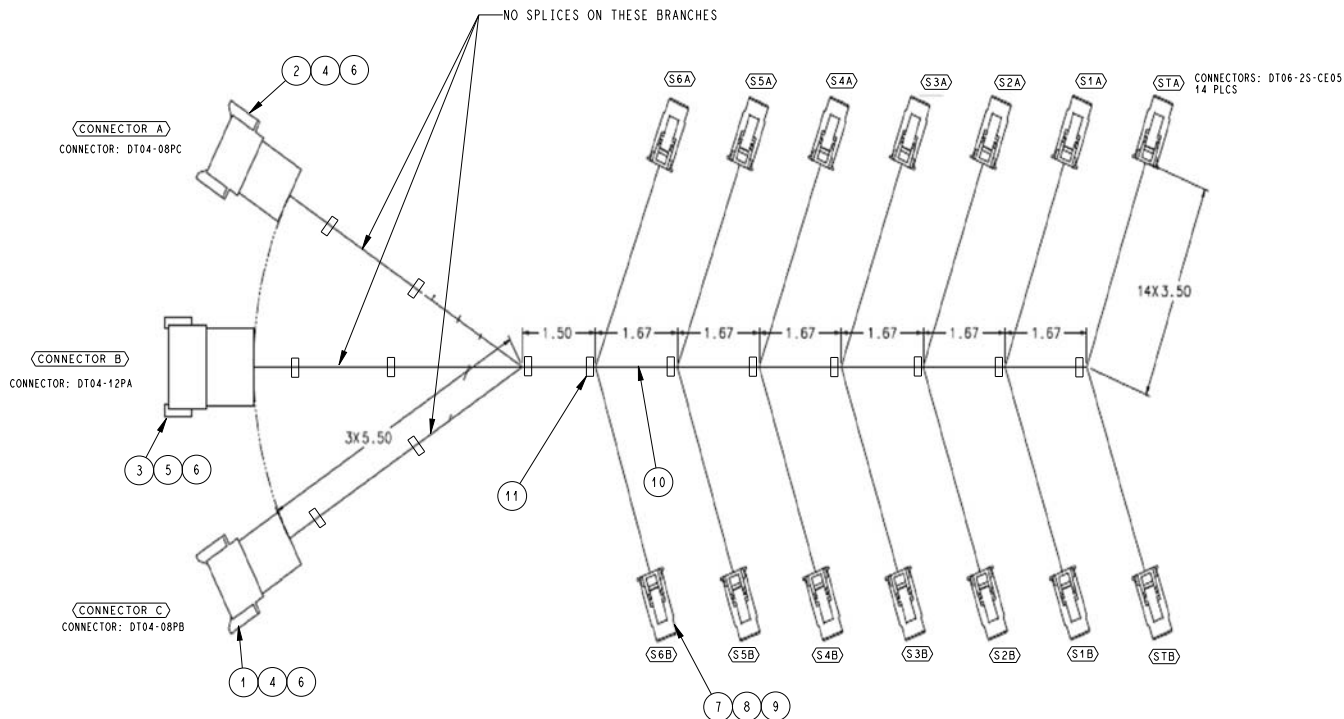


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ITEM 10 WAS GLWR0518ENOXX P.A.D. [] FINAL [] NEXT HLA [] PART NUMBER [] R. STRANG 10FEB20 [] UPDATED NOTES	11FEB20	K. GUTHRIE
B	R. STRANG 20FEB20 [] P.A.D. [] FINAL [] NEXT HLA [] PART NUMBER []	20FEB20	K. GUTHRIE



NOTES:

- BRANCH TOLERANCES $-.00 + .25"$
OVERALL LENGTH TOLERANCES $-.00 + 1.00"$
- SEE ASME Y14.100 FOR DRAWING INTERPRETATION STANDARDS.
- ALL CONNECTORS TO BE LABELED WITH THEIR CORRESPONDING IDENTIFIER. CONNECTOR LABELING TO BE ACCOMPLISHED WITH AN ADHESIVE LABEL OR AN INDELIBLE MARKING PEN THAT PROVIDES LEGIBLE CONTRASTING IDENTIFICATION AGAINST THE CONNECTOR HOUSING. IF AN ADHESIVE LABEL IS USED, THE LABEL IS TO REMAIN IN PLACE UNTIL ASSEMBLY AT FACILITY.
- UNLESS OTHERWISE SPECIFIED, ALL WIRING SHALL CONFORM TO SAE J1128.
- SHAPING OF HARNESS TO BE DONE BY BLACK NYLON WIRE TIES. ITEM 11
- IDENTIFY PER MIL-STD-130.

11	VY3-4648	CABLE TIE	14
10	GLWS0518ENOXX	LEAD WIRE (INCHES)	168
9	VY3-4900	WEDGE LOCK	14
8	VY3-4898	PIN	28
7	VY3-4899	VALVE CONNECTOR	14
6	VY3-4643	PIN	28
5	VY3-4642	WEDGE	1
4	VY3-4641	WEDGE	2
3	VY3-4640	12 PIN CONNECTOR B-GRAY	1
2	VY3-4639	8 PIN CONNECTOR A-GREEN	1
1	VY3-4638	8 PIN CONNECTOR C-BLACK	1

ITEM	PART NUMBER	DESCRIPTION	QTY
DRAWN R. STRANG 23JAN20			
CHECK K. GUTHRIE 23JAN20			
ENGINEER K. GUTHRIE 23JAN20			
NEXT ASSY			
TBD			
JOB NO M3-5488			
SIZE CAGE CODE C 81983		DWG NO. VY3-4901	REV B
DO NOT SCALE 0.005		WEIGHT	SHEET 1 OF 2

UNLESS OTHERWISE SPECIFIED	
93 Ra FINISH ALL OVER	DIMENSIONS ARE IN INCHES
SMOOTH FINISH FOR APPEARANCE ONLY	INTERPRET DIM AND TOL PER ASME Y14.5-2009
RUNOUT BETWEEN COAXIAL DIAMETERS NOT TO EXCEED .005 FULL INDICATOR MOVEMENT	THIRD ANGLE PROJECTION
BREAK ALL SHARP EDGES .010 MAX ALL MACHINED INSIDE CORNERS R .010 MAX	
RADIUS OR CHAMFER ACCEPTABLE	



VY3-4901

A

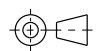
PRO/E

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
SEE SHEET 1 FOR ALL REVISIONS			

CONNECTOR 'C'			
DEUTSCH DT04-08PB (BLACK)			
TERMINALS	0460-202-16141		
WEDGE LOCK	W8P		
MATING CONNECTOR	DT06-08SB (BLACK)		
POS	GAGE	DESTINATION	FUNCTION
1	18	S5A (1)	24+
2	18	S5B (1)	24+
3	18	S6A (1)	24+
4	18	S6B (1)	24+
5	18	S6B (2)	GND
6	18	S6A (2)	GND
7	18	S5B (2)	GND
8	18	S5A (2)	GND

CONNECTOR 'B'			
DEUTSCH DT04-12PA (GRAY)			
TERMINALS	0460-202-16141		
WEDGE LOCK	W12P		
MATING CONNECTOR	DT06-12SA (GRAY)		
POS	GAGE	DESTINATION	FUNCTION
1	18	S2A (1)	24+
2	18	S2B (1)	24+
3	18	S3A (1)	24+
4	18	S3B (1)	24+
5	18	S4A (1)	24+
6	18	S4B (1)	24+
7	18	S4B (2)	GND
8	18	S4A (2)	GND
9	18	S3B (2)	GND
10	18	S3A (2)	GND
11	18	S2B (2)	GND
12	18	S2A (2)	GND

CONNECTOR 'A'			
DEUTSCH DT04-08PC (GREEN)			
TERMINALS	0460-202-16141		
WEDGE LOCK	W8P		
MATING CONNECTOR	DT06-08SC (GREEN)		
POS	GAGE	DESTINATION	FUNCTION
1	18	STB (1)	24+
2	18	STA (1)	24+
3	18	S1A (1)	24+
4	18	S1B (1)	24+
5	18	S1B (2)	GND
6	18	S1A (2)	GND
7	18	STA (2)	GND
8	18	STB (2)	GND

<p>UNLESS OTHERWISE SPECIFIED</p> <p>93 Ra FINISH ALL OVER</p> <p>SMOOTH FINISH FOR APPEARANCE ONLY</p> <p>RUNOUT BETWEEN COAXIAL DIAMETERS NOT TO EXCEED .005 FULL INDICATOR MOVEMENT</p> <p>BREAK ALL SHARP EDGES .010 MAX ALL MACHINED INSIDE CORNERS R .010 MAX</p> <p>RADIUS OR CHAMFER ACCEPTABLE</p>	<p>DIMENSIONS ARE IN INCHES</p> <p>INTERPRET DIM AND TOL PER ASME Y14.5-2009</p> <p>THIRD ANGLE PROJECTION</p> 	<p>DRAWN</p> <p>R. STRANG 23JAN20</p>	<p>WIRING HARNESS</p>			
		<p>CHECK</p> <p>K. GUTHRIE 23JAN20</p>		<p>SIZE CAGE CODE</p> <p>C 81983</p>	<p>DWG NO.</p> <p>VY3-4901</p>	<p>REV</p> <p>B</p>
		<p>ENGINEER</p> <p>K. GUTHRIE 23JAN20</p>		<p>DO NOT SCALE</p> <p>0.005</p>	<p>WEIGHT</p>	<p>SHEET 2 OF 2</p>
		<p>NEXT ASSY</p> <p>TBD</p>		<p>JOB NO</p> <p>M3-5488</p>	<p>PRO/E</p>	

B
VY3-4901

A