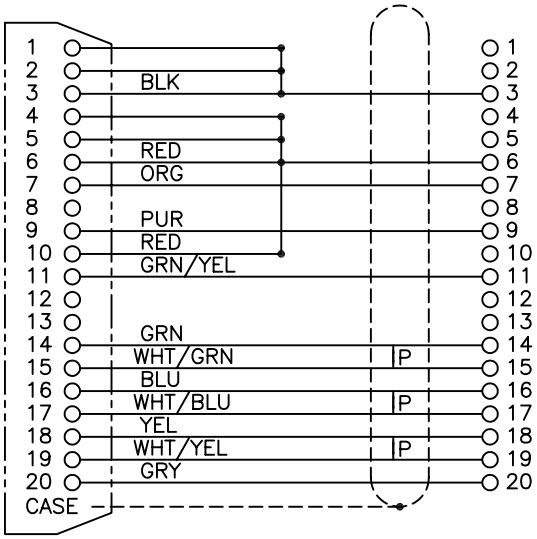
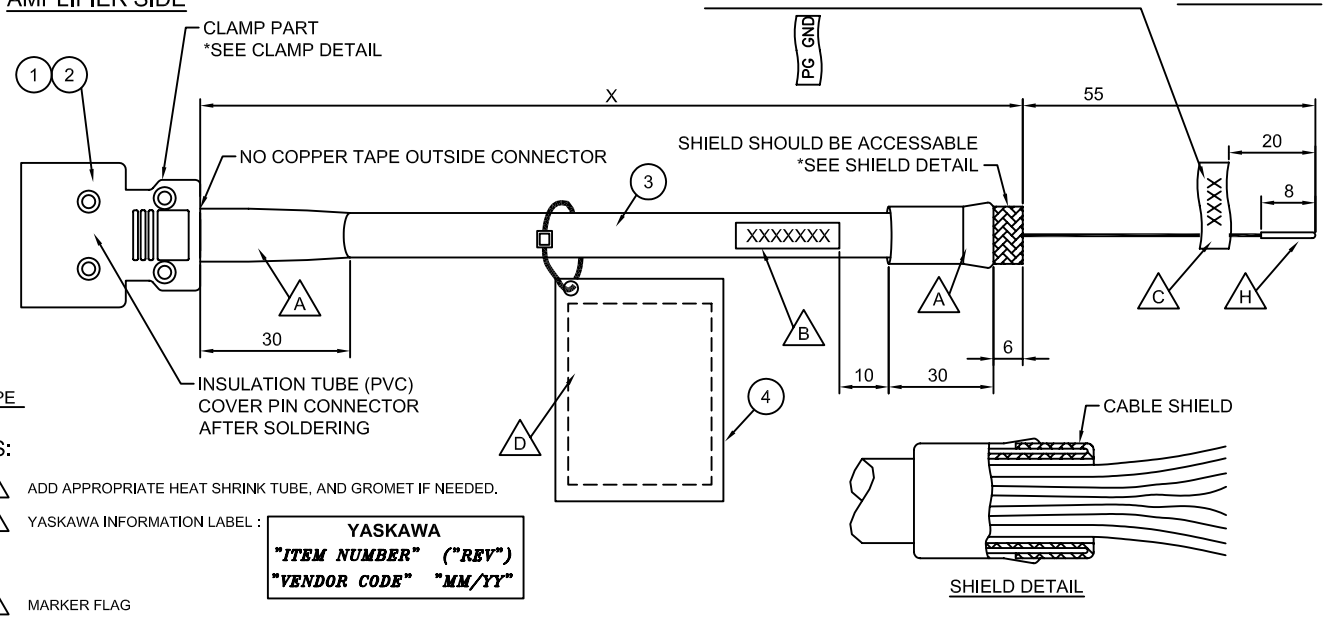
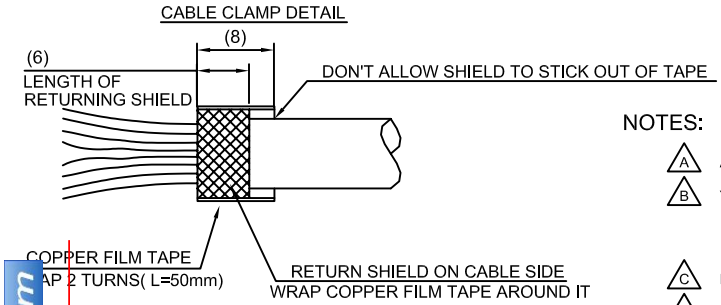
No.	ITEM#	DESCRIPTION	QTY.	NOTES
1	10320-52A0-008	CONNECTOR CASE	1	3M
2	10120-3000VE	CONNECTOR PLUG	1	3M
3	T/20276	CABLE, 3C x 22AWG + 6P x 26AWG	-	TAIYO
4		PLASTIC BAG W/ EYELET, 4x6, 4MIL	1	



*SEE TABLE ON PG 2 FOR LABEL SIGNAL NAME
*DIRECTION OF FLAG IS AS SHOWN BELOW.





NOTES:

A ADD APPROPRIATE HEAT SHRINK TUBE, AND GROMET IF NEEDED.

B YASKAWA INFORMATION LABEL :

YASKAWA
"ITEM NUMBER" ("REV")
"VENDOR CODE" "MM/YY"

C MARKER FLAG

D INSERT SHEET 2/2 OF THIS DRAWING INTO A PLASTIC BAG & ATTACH TO CABLE WITH TIE-WRAP.

E BLACK WIRE COMES INTO PIN 3; PIN 3 IS THEN JUMPERED TO PIN 2; PIN 2 IS THEN JUMPERED TO PIN 1

F RED WIRE COMES INTO PIN 6; PIN 6 IS THEN JUMERED TO PIN 5; PIN 5 IS THEN JUMPERED TO PIN 4; PIN 4 IS THEN JUMPERED TO PIN 10

G UNUSED WIRES IN THE RAW CABLE SHOULD BE CUT FLUSH WITH END OF CABLE INSULATION

H TINNED WIRE, 8mm FROM END

I USING AUTOMATED OR MANUAL CABLE TESTER, VERIFY ALL CONNECTIONS, AND VERIFY THAT EACH WIRE OR TERMINATION IS NOT SHORTED TO ANY OTHER WIRE OR TERMINATION UNLESS INTENDED TO BE ELECTRICALLY CONNECTED. ALL WIRES OR TERMINATIONS SHALL BE ISOLATED FROM ALL OTHER WIRES OR TERMINATIONS BY A MINIMUM OF 10 MEGOHM AT 500VDC. RECORDS OF TEST MUST BE MAINTAINED AND PROVIDED UPON REQUEST.

J CONDUCT HI-POT TEST AT 600 VAC FOR 1 SECOND. (NOTE: LEAK CURRENT = 20 mA)

CABLE SPECIFICATION (mm)	
OUTER DIAMETER	8.0
BENDING RADIUS	-
STANDARD	UL
UL/IP CLASSIFICATION	
CONNECTOR SPEC	UL94V-0

ITEM NUMBER	X = LENGTH
AFOEM-03(A)	300
AFOEM-05(A)	500
AFOEM-10(A)	1000
AFOEM-15(A)	1500
AFOEM-20(A)	2000

2	CORRECTED COLOR CODES (REDRAWN)	10/27/06	D.GREULOCH	N-0610-011
1	CHANGED RAW CABLE, ADDED SHELL	8/15/06	D.GREULOCH	N-0608-008
0	INITIAL RELEASE			EAR 2006-030

DESIGN: -	-	MATERIAL: SEE PART LIST ABOVE
DRWN: D.GREULOCH	6/5/06	SPEC: SEE PART LIST ABOVE
CHKD: N.HOUCK	6/20/06	FINISH: N/A
TECH: -	-	TOLERANCES/REFERENCES: UES000002
APRV: M. MORAN	7/5/06	

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MODEL(S): Special Purpose Motors
REF DWG: -
DIMENSIONS: mm SCALE: NTS
SIZE: B SHEET: 1/2

YASKAWA
The Drive for Quality™

TITLE: Special Purpose Motor Incremental Encoder Cable
DWG: UWR00657
ITEM #: *SEE CHART

efesotomasyon.com

YASKAWA
The Drive for Quaity™

efesotomasyon.com

Table Description:
Applicable Models: Special Purpose Motors
Pin: Signifies the pin number on the connector.
Color: Color code of wire.
Signal Name: Amplifier function corresponding to pin number.

PIN #	SIGNAL NAME	COLOR
1		
2		
3	PG GND	BLK
4		
5		
6	PG +5V	RED
7	/UIN	ORG
8		
9	/VIN	PUR
10	PG +5V	RED
11	GND	GRN/YEL
12		
13		
14	PC	GRN
15	/PC	WHT/GRN
16	PA	BLU
17	/PA	WHT/BLU
18	PB	YEL
19	/PB	WHT/YEL
20	/WIN	GRY
SHELL	SHIELD	

2	CORRECTED COLOR CODES (REDRAWN)	10/27/06	D.GREULOCH	N-0610-011
1	CHANGED RAW CABLE, ADDED SHELL	8/15/06	D.GREULOCH	N-0608-008
0	INITIAL RELEASE			EAR 2006-030

DESIGN: -	-	TOLERANCES/REFERENCE(S): UES000002	*THIS DOCUMENT AND INFORMATION CONTAINED IN IT ARE CONFIDENTIAL, AND CANNOT BE COPIED OR DISCLOSED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN CONSENT OF YASKAWA ELECTRIC AMERICA INC.*				YASKAWA *The Drive for Quality™*
DRWN: D.GREULOCH	6/5/06						TITLE: **Special Purpose Motor Incremental Encoder Cable**
CHKD: N.HOUCK	6/20/06	MATERIAL: N/A	MODELS: Special Purpose Motors				
TECH: -	-	SPEC: N/A	REF DWG: N/A				DWG#: **UWR00657**
APPRV: M. MORAN	7/5/06	FINISH: N/A	DIMS: mm	SIZE: A	SCALE: NTS	SHEET: 2/2	ITEM#: ***SEE CHART Pg1**