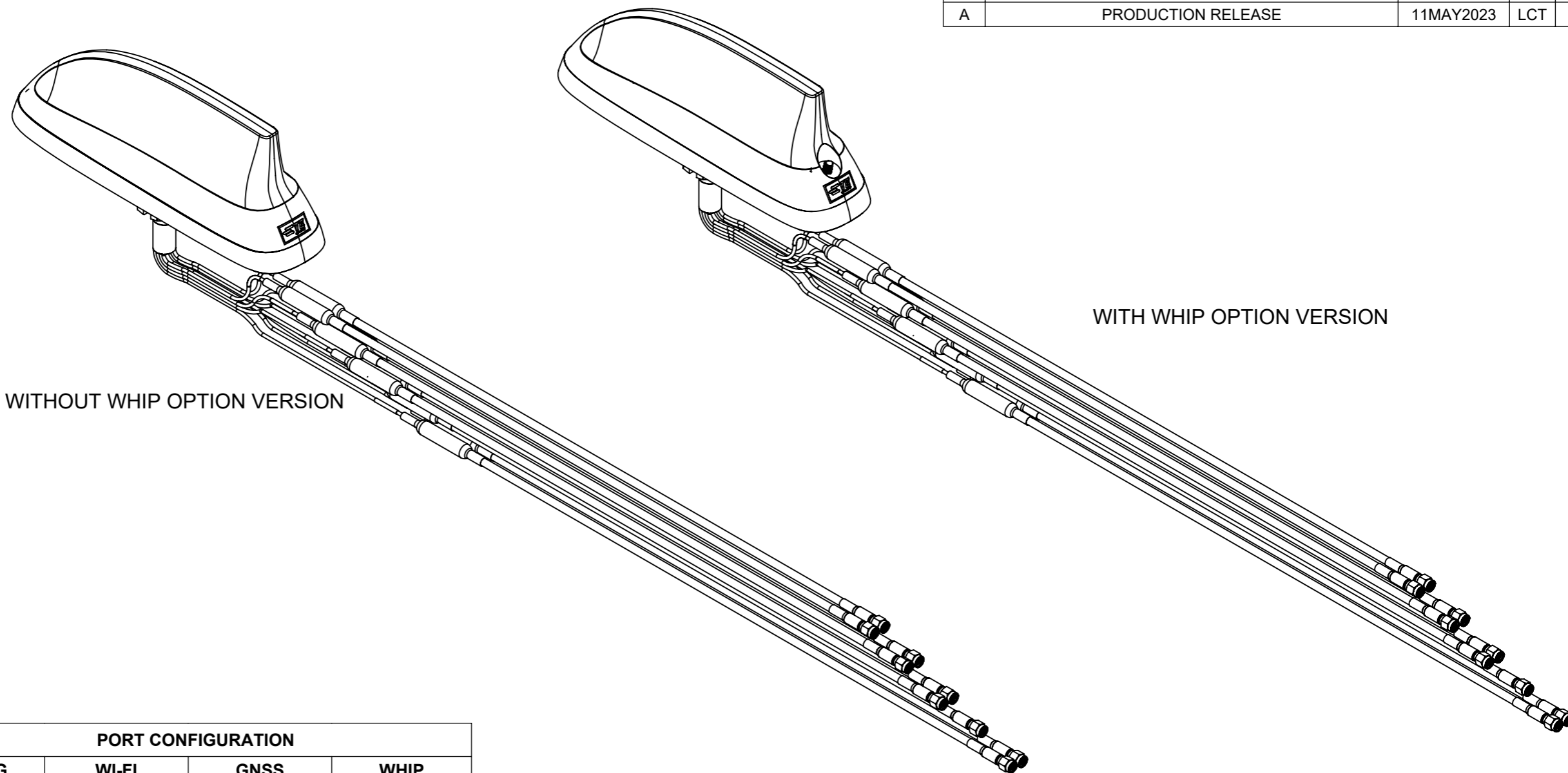


REVISIONS

REV.	DESCRIPTION	DATE	DWN	APVD
A	PRODUCTION RELEASE	11MAY2023	LCT	LLT



TCPN	NO OF PORT	PORT CONFIGURATION			
		4G/5G	WI-FI	GNSS	WHIP
L000423-01	6	SMA-M,x2	RP SMA-M,x3	SMA-M,x1	N/A
L000423-02	7	SMA-M,x2	FAKRA,x2	SMA-M,x1 FAKRA,x1	TNC-M,x1
L000423-03	7	SMA-M,x2	RP SMA-M,x2	SMA-M,x2	SMA-M,x1
L000423-04	8	SMA-M,x2	RP SMA-M,x4	SMA-M,x1	TNC-M,x1
L000423-05	9	SMA-M,x2	RP SMA-M,x3 QMA-M,x1	QMA-M,x1 SMA-M,x1	QMA-M,x1
L000423-06	9	SMA-M,x2	RP SMA-M,x4	SMA-M,x2	TNC-M,x1
L000423-07	6	SMA-M,x2	RP SMA-M,x2	SMA-M,x1	TNC-M,x1
L000423-08	5	SMA-M,x2	FAKRA,x2	FAKRA,x1	N/A
L000423-09	6	SMA-M,x2	SMA-M,x2	SMA-M,x1	SMA-M,x1
L000423-10	5	SMA-M,x2	SMA-M,x2	SMA-M,x1	N/A
L000423-11	7	SMA-M,x2	RP SMA-M,x3	SMA-M,x1	TNC-M,x1
L000423-12	8	SMA-M,x2	FAKRA,x2 SMA-M,x1	SMC-M,x1 FAKRA,x1	BNC-M.x1
L000423-13	7	SMA-M,x2	FAKRA,x2	SMA-M,x1 FAKRA,x1	BNC-M.x1

DRAWING SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY. ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENT.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	20DEC222			TE Connectivity		
DIMENSIONS: mm		LCTAN				NAME		
		CHK				Multi Port,5G/LTE,Wi-Fi,GNSS,Whip		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD			PRODUCT SPEC			
0 PLC ± 0.5		—			APPLICATION SPEC			
1 PLC ± 0.25		WEIGHT		272.03 g	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
2 PLC ± 0.13		CUSTOMER DRAWING			A3	00779	L000423	—
3 PLC ±		SCALE		1:3	SHEET		1 OF 3	REV
4 PLC ±		FINISH			REV		A	
ANGLES ± 30'		MATERIAL						

ELECTRICAL SPECIFICATIONS

Table with columns for Antenna Model, TCPN, No. of Ports, Application, Frequency Bands, \*VSWR (Max), \*Isolation, dB, \*\*Peak Gain, dB, \*\*Total Efficiency (Average, %), Correlation Coefficient, Nominal Impedance, Polarization, Azimuth Beam Width, and Input Power, Max.

- \*Measurement with 5M coax cable on 2ft x 2ft ground plane
\*\*Measurement with 1ft coax cable on 2ft x 2ft ground plane

CABLE LOSS - RG58LL,OD 4.95±0.20mm (ECE R118 Compliant) (P/N: L000326-01)

Table with columns for Frequency Range, MHz and Cable Attenuation, dB/m across various frequency bands.

MECHANICAL SPECIFICATIONS

Table with columns for Dimensions, Weight, Mounting Type, Cable Type, Antenna Color, Radome Material, and Baseplate Material.

ENVIRONMENTAL SPECIFICATIONS

Table with columns for Operating Environment, Operating Temperature, Storage Temperature, Ingress Protection, and Material Substance Compliance.

Table with columns for TCPN, ALIAS NUMBER, NO OF PORT, and PORT CONFIGURATION (4G/5G, WI-FI, GNSS, WHIP).

GPS/GNSS Data

Table with columns for No. of Ports, Frequency, VSWR, Patch Peak Gain, LNA Gain, Noise Figure, Input Max Power, Out of Band Rejection, DC Voltage, Current, Nominal Impedance, and Polarization.

- 1-Port GNSS is applicable for L000423-01, -04, 07,08,09,10,11

GPS/GNSS Data

Table with columns for No. of Ports, Frequency, VSWR, Patch Peak Gain, LNA Gain, Noise Figure, Input Max Power, Out of Band Rejection, DC Voltage, Current, Nominal Impedance, and Polarization.

- 2-Ports GNSS is applicable for L000423-02,-03,05,06,12,13

DRAWING SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY. ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENT.

THIS DRAWING IS A CONTROLLED DOCUMENT.

Table with columns for DIMENSIONS (mm) and TOLERANCES UNLESS OTHERWISE SPECIFIED.

MATERIAL FINISH

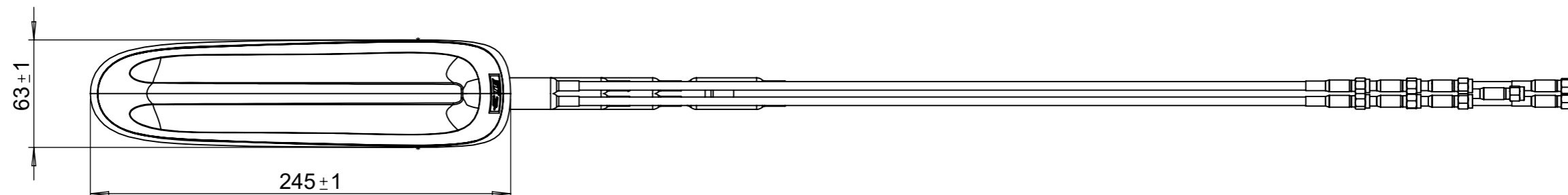
Table with columns for DWN, LCTAN, CHK, APVD, PRODUCT SPEC, APPLICATION SPEC, WEIGHT, and SCALE.



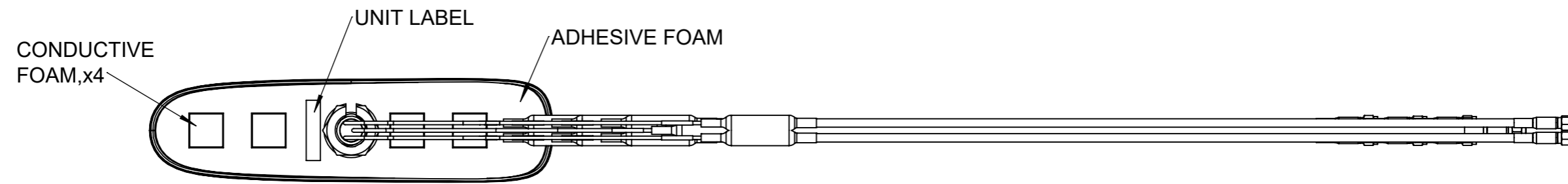
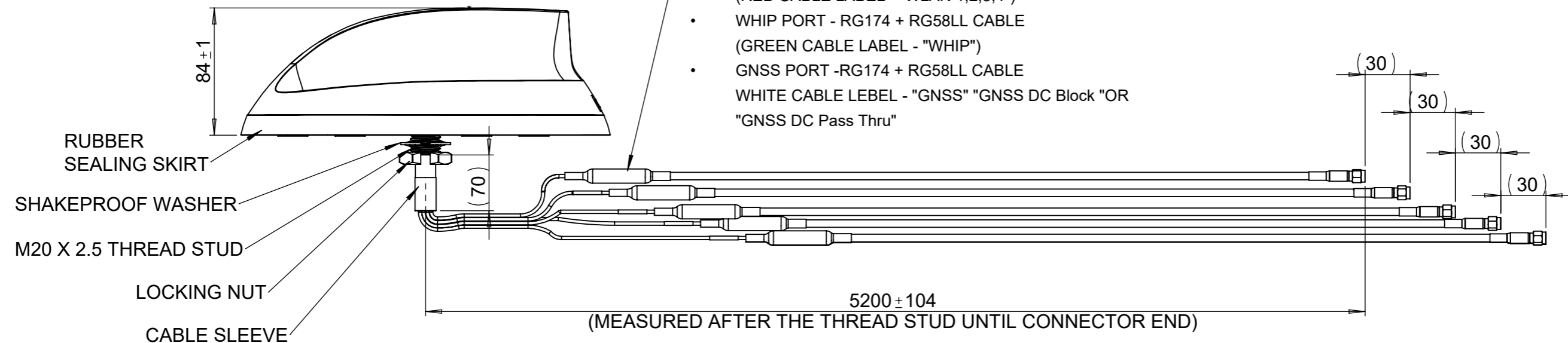
Multi Port,5G/LTE,Wi-Fi,GNSS,Whip

Table with columns for SIZE, CAGE CODE, DRAWING NO, and RESTRICTED TO.

CUSTOMER DRAWING SCALE 1:3 SHEET 2 OF 3 REV A



- 4G/5G PORT- RG174 + RG58LL CABLE (YELLOW CABLE LABEL - "4G/5G A, B")
- WIFI PORT- RG174 + RG58LL CABLE (RED CABLE LABEL - "WLAN 1,2,3,4")
- WHIP PORT - RG174 + RG58LL CABLE (GREEN CABLE LABEL - "WHIP")
- GNSS PORT -RG174 + RG58LL CABLE WHITE CABLE LABEL - "GNSS" "GNSS DC Block "OR "GNSS DC Pass Thru"



DRAWING SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY. ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENT.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN LCTAN 20DEC222		
DIMENSIONS: mm		CHK		
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD	NAME	
	0 PLC ± 0.5	PRODUCT SPEC	Multi Port,5G/LTE,Wi-Fi,GNSS,Whip	
MATERIAL	FINISH	APPLICATION SPEC	SIZE	CAGE CODE
		WEIGHT	A3	00779
			DRAWING NO	L000423
			RESTRICTED TO	-
		CUSTOMER DRAWING	SCALE	1:3
			SHEET	3 OF 3
			REV	A