

WIRE TO BOARD CONNECTION

Note:

PLATING standard version

Gold 0.25 μm
Gold Flash
Tin

PLATING upon request

Selective Gold Flash
Selective Gold

Packing standard version

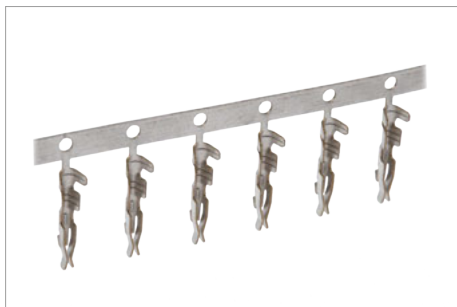
Box
Tube

Packing upon request

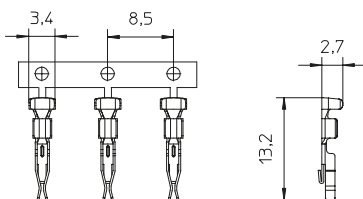
T&R
T&R + Cap
Tube + Cap

CT31x - 2.5 mm PITCH

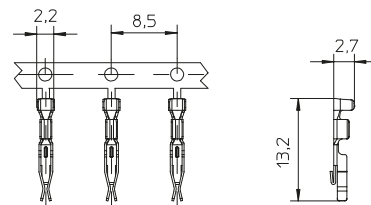
CRIMP CONTACT



CT310



CT317



Features Double wipe contact use with BS442 Housing

Material Copper alloy
Tin plated

Electrical Current rating:
CT 317 6A
CT 310 7.5A

Mechanical Temperature rating:
from -30 °C to 110 °C

Packaging Reel 10.000 pcs

Product Code

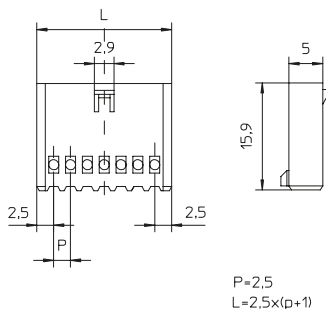
A	B	C
CT	31x	SN

B

awg
7 22-24
0 20-24

BS442 - 2.5 mm PITCH

HOUSING



Features Friction lock single row housing, use with CT31x contact mates with CFM 2.5 header

Material PA UL94V0

Electrical Voltage 125 V

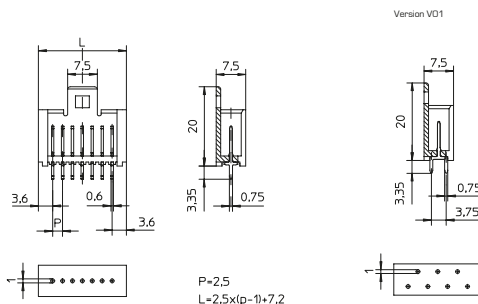
Mechanical Temperature rating:
from -30 °C to 110 °C

Product Code

A	B	C
BS442	/xx	GR

B

Number of contacts from 2 to 20



Features Friction lock single row header, mates with BS442

Material PA UL94V0

Electrical Voltage 125V
Current rating 6A

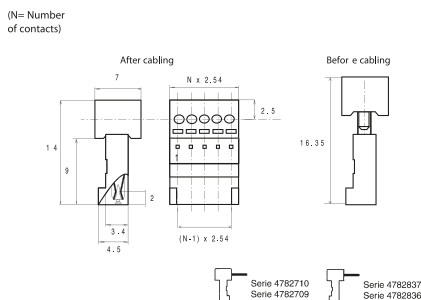
Mechanical Temperature rating:
from -30 °C to 125 °C

Product Code

A	B	C	D
CFM2.5	/xx	xx	GR

B Number of contacts from 2 to 20

C Foot print:
Blank: single row
VO1: double row



Product Code

A	B	C	D
478	28xx	1xx	4x0

B AWG and polarization
26/28 AWG
2836
2709
22/24 AWG
2837
2710

C Number of contacts from 02 to 15

D Plating
4 *Tin 4 μm
7 Selective Gold 0.2 μm over Ni 1.27 μm

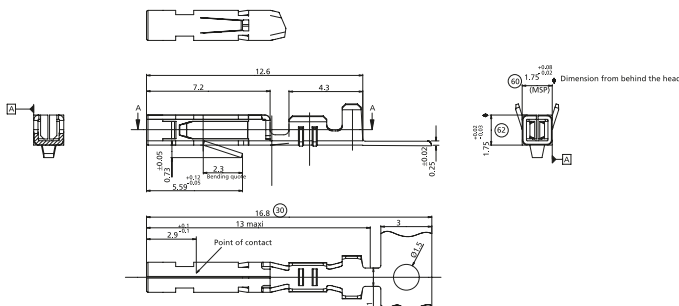
Features Single row right angle
insulation displacement
connector
Pitch 2.54 mm
Fast & easy wiring of flat
cable or discrete wire
Double wipe contact

Material Insulator:
Black glass filled polyester
UL 94V0
Contact: Phosphor bronze

Electrical Current rating: 3 A maxi
Dielectric withstanding: 500 V AC
Insulation resistance:
1000 MΩ mini
Contact resistance: 20 mΩ maxi

Mechanical Temperature rating:
-40 °C to 125 °C
Maximum Insulation:
Diameter: Ø 1.45 mm
Insertion force:
Tin version: 3 N maxi per contact
Gold version:
1.5 N maxi per contact
Withdrawal force:
Tin version:
0.2 N mini per contact
Gold version:
0.15 N mini per contact

Packaging Plastic tubes
(220 contacts per row)
Tooling:
Autocom wiring machine,
Crimping tool for idc, Crimping
head

**Product Code**

A	B	C	D	E
485	3250	000	4x	x

D

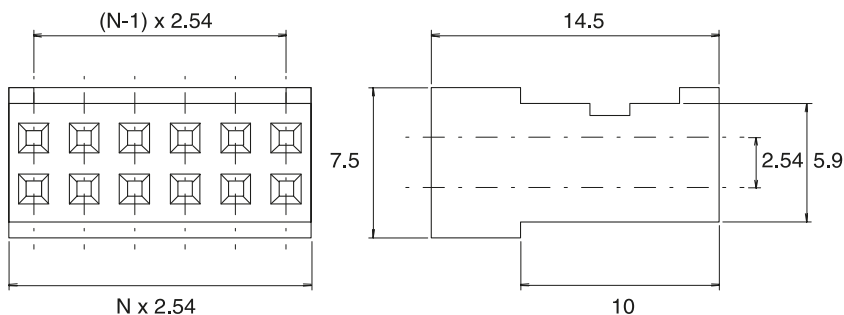
Plating
2 Tin 4 μm
7 Selective gold
0.2 μm over 1.27 μm NI

E

Packaging
1 reel (8000 contacts each)
2 reel (1000 contacts each)

Recyclable cardboard reels
Tooling P/n: Crimping

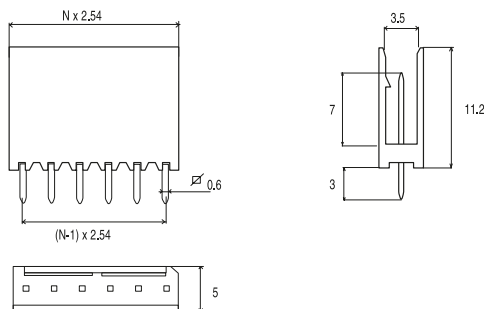
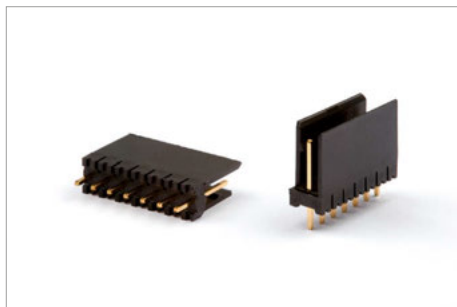
WIRE TO BOARD HOUSING

**Product Code**

A	B	C	D
485	3401	0xx	740

C

Recyclable cardboard boxes



Features Polarized header with friction lock
Pitch 2.54 mm

Material Insulator:
Black thermoplastic GF UL 94V0
Contact: Phosphor bronze

Electrical Current rating: 4 A maxi
Dielectric withstanding: 500 V AC
Insulation resistance:
10000 MΩ mini

Mechanical Temperature rating:
-40 °C to 125 °C

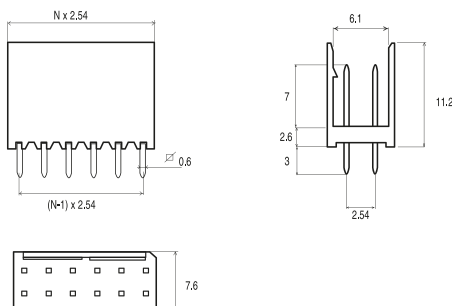
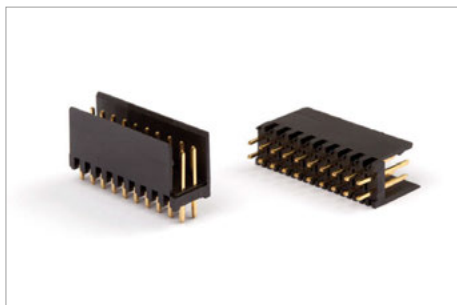
Packaging Recyclable cardboard boxes

Product Code

A	B	C	D
475	0334	1xx	4x0

C Number of contacts 02, 03, 04, 05, 08, 10

D Plating
0 Gold 0.2 μm over Ni 1.27 μm
4 Tin 4 μm over Ni 1.27 μm
7 Selective Gold 0.2 μm over Ni 1.27 μm
Other platings on demand



Features Polarized header with friction lock
Pitch 2.54 mm

Material Insulator:
Black thermoplastic GF UL 94V0
Contact: Phosphor bronze

Electrical Current rating: 4 A maxi
Dielectric withstanding: 500 V AC
Insulation resistance: 1000 MΩ mini

Mechanical Temperature rating:
-40 °C to 125 °C

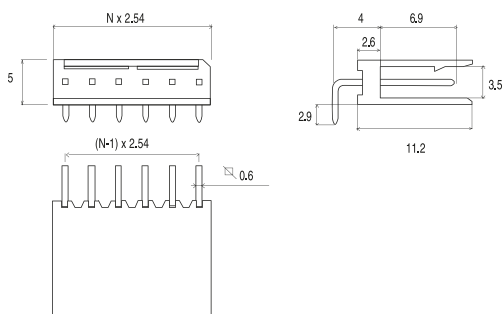
Packaging Recyclable cardboard boxes

Product Code

A	B	C	D	E	F
475	1848	1	xx	4x0	-1

D Number of contacts from 04 to 40

E Plating
0 Gold plating 0.2 μm over Ni 1.27 μm
4 Tin plated 4 μm over Ni 1.27 μm
7 Selective Gold plating 0.2 μm over
Ni 1.27 μm
Other plating upon request



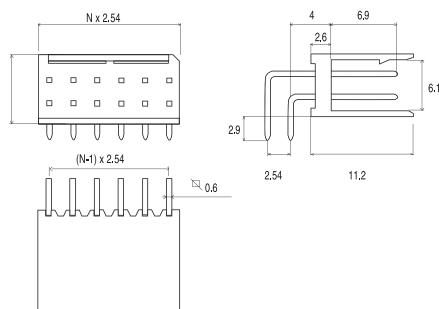
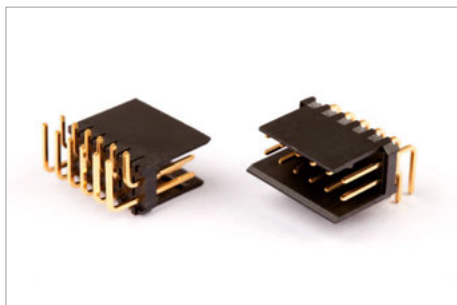
Features	Polarized header with friction lock Pitch 2.54 mm
Material	Insulator: Black thermoplastic GF UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 4 A maxi Dielectric withstanding Insulation resistance: 1000 MΩ mini
Mechanical	Temperature rating: -40 °C to 125 °C
Packaging	Recyclable cardboard boxes

Product Code

A	B	C	D	E	F
476	0395	1	xx	4x0	-1

D Number of contacts from 02 to 20

E
Plating
0 Gold 0.2 μm over Ni 1.27 μm
4 Tin 4 μm over Ni 1.27 μm
7 Selective Gold 0.2 μm over
Ni 1.27 μm
Other platings on demand



Features	Polarized header with friction lock Pitch 2.54 mm
Material	Insulator: Black thermoplastic GF UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 4 A maxi Dielectric withstanding: 500 V AC Insulation resistance: 1000 MΩ mini
Mechanical	Temperature rating: -40 °C to 125 °C
Packaging	Recyclable cardboard boxes

Product Code

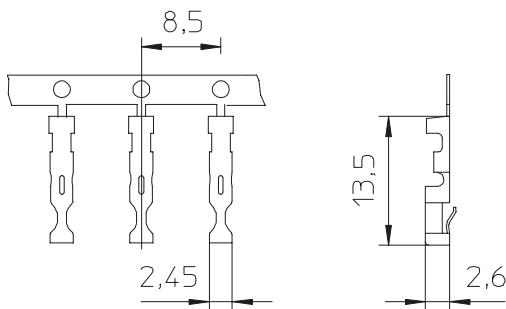
A	B	C	D	E	F
476	2075	1	xx	4x0	-1

D Number of contacts from 04 to 26

E
Plating
0 Gold
0.2 μm over Ni 1.27 μm
4 Tin 4 μm over Ni 1.27 μm
7 Selective Gold 0.2 μm over
Ni 1.27 μm
Other platings on demand.

CT84SN

WIRE TO BOARD CRIMP CONTACT



Features	Double wipe contact use with BS95 Housing awg 20-16
Material	Double wipe contact use with BS442 Housing
Electrical	Current rating: 4 A
Mechanical	Temperature rating: -30 °C to 85 °C
Packaging	Reel 10.000 pcs

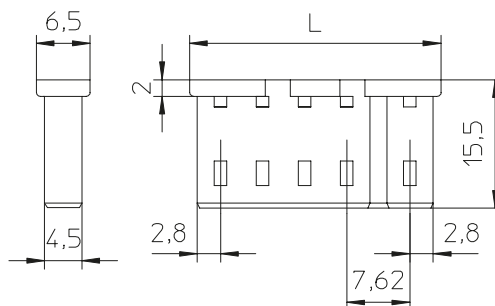
Product Code

A

CT84SN

BS95

WIRE TO BOARD HOUSING



2A	L=15,1
3A	L=20,2
4A	L=25,3
5A	L=30,4
6A	L=35,5
7A	L=40,5
8A	L=45,6

Features	Single row housing, use with ct84 contact mates with CFM 5.08 Header
Material	PPOM UL94V1 Gray colour
Electrical	Voltage 320V
Mechanical	Temperature rating: -30 °C to 85 °C

Product Code

A

B

C

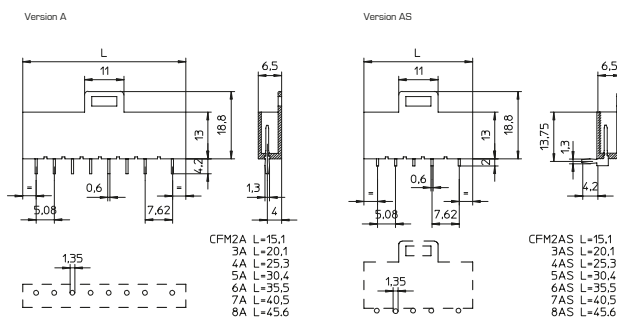
BS95

/x

GR

B

Number of contacts from 02 to 08



Features	Friction lock single row header, mates with BS95
Material	PA UL94V0
Electrical	Voltage 320 V Current rating 4A
Mechanical	Temperature rating: -30 °C to 85 °C

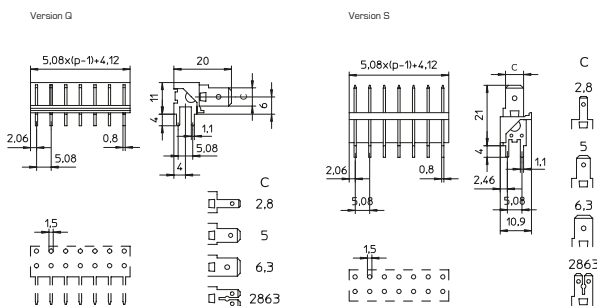
Product Code

A	B	C	D
CFM	/xx	x	GR

B	Number of contacts from 02 to 08
C	A: straight AS: right angle

CQ

WIRE TO BOARD FAST - ON

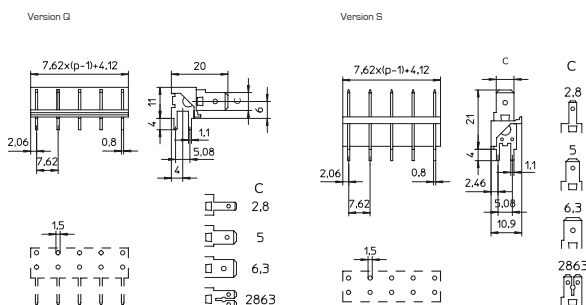


Features	Fast - on header 5.08 mm pitch UL file number E150931
Material	Insulator: PC UL94V0 Contact: FeP02 Plating Ni+Sn
Electrical	Voltage 200 V Current rating depending on contact shape C 2.8=6A 5=10 A 6.3=16 A 2863=16 A max depending on cable side
Mechanical	Temperature rating: -30 °C to 85 °C

Product Code

A	B	C	D
CQx	/Ax	/x	NE

A	Version: S Straight Q Right angle
B	Number of contacts from 02 to 17
C	Terminal shape (see drawing)

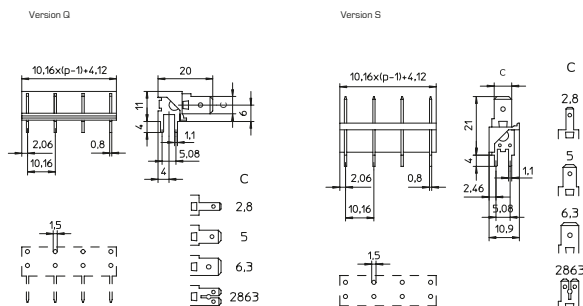


Features	Fast - on header 7.62 mm pitch UL file number E150931
Material	Insulator: PC UL94V0 Contact: FeP02 Plating Ni+Sn
Electrical	Voltage 320 V Current rating depending on contact shape C 2.8=6 A 5=10 A 6.3=16 A 2863=16 A max depending on cable side
Mechanical	Temperature rating: -30 °C to 85 °C

Product Code

A	B	C	D
CQx	/Bx	/x	NE

A	Version: S Straight Q Right angle
B	Number of contacts from 02 to 11
C	Terminal shape (see drawing)

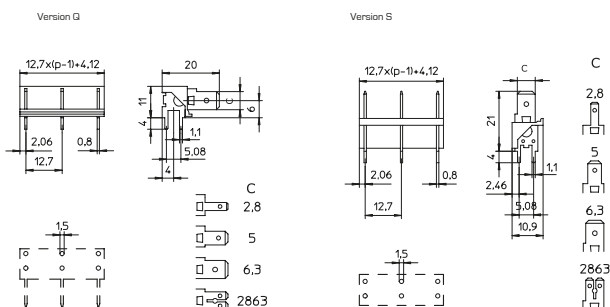


Features	Fast - on header 10.16 mm pitch UL file number E150931
Material	Insulator: PC UL94V0 Contact: FeP02 Plating Ni+Sn
Electrical	Voltage 500 V Current rating depending on contact shape C 2.8=6A 5=10 A 6.3=16 A 2863=16 A max depending on cable side
Mechanical	Temperature rating: -30 °C to 85 °C

Product Code

A	B	C	D
CQx	/Cx	/x	NE

A	Version: S Straight Q Right angle
B	Number of contacts from 02 to 09
C	Terminal shape (see drawing)



Features	Fast - on header 12.7 mm pitch UL file number E150931
Material	Insulator: PC UL94V0 Contact: FeP02 Plating Ni+Sn
Electrical	Voltage 630 V Current rating depending on contact shape C 2.8=6A 5=10 A 6.3=16 A 2863=16 A max depending on cable side
Mechanical	Temperature rating: -30 °C to 85 °C

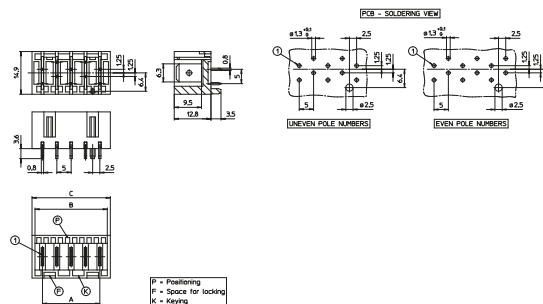
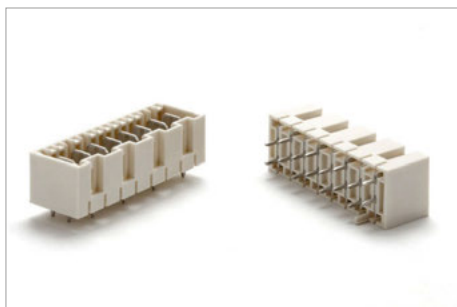
Product Code

A	B	C	D
CQx	/Dx	/x	NE

A	Version: S Straight Q Right angle
B	Number of contacts from 02 to 07
C	Terminal shape (see drawing)

RAST 5

HEADER VERTICAL PTH



Features	PCB male header, 90°, pitch 5 mm
Material	Insulator: PA 66 UL-V0 GWT-compliant Contact: Brass Tin Plated
Electrical	Current rating: 10 A Dielectric withstanding: 250 V Insulation resistance: 1000 Ω mini Contact resistance: 10 mΩ max
Mechanical	Temperature Range: -30 °C to 120 °C

Product Code

A	B	C	D	E
CTR1	P5	xx	Vyy	NA

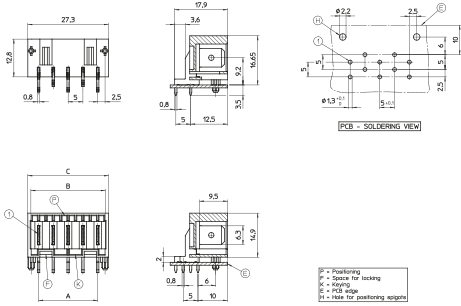
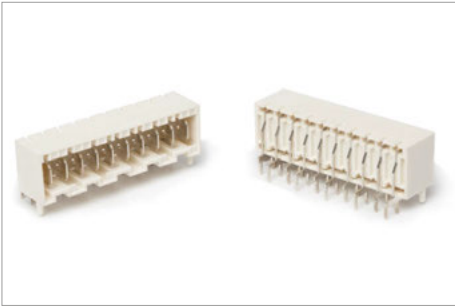
C	Number of contacts from 02 to 16
D	Different version, depending on P-F-K
E	NA: Natural colour of the plastic body

Position	A	B	C
02	5.00	10.20	12.30
03	10.00	15.20	17.30
04	15.00	20.20	22.30
05	20.00	25.20	27.30
06	25.00	30.20	32.30
07	30.00	35.20	37.30
08	35.00	40.20	42.30
09	40.00	45.20	47.30
10	45.00	50.20	52.30
11	50.00	55.20	57.30
12	55.00	60.20	62.30
13	60.00	65.20	67.30
14	65.00	70.20	72.30
15	70.00	75.20	77.30
16	75.00	80.20	82.30

"Due to technical progress, all design, specification and components are subject to change without notice".

RAST 5 90°

HEADER HORIZONTAL PTH



- Features

PCB male header, 90°, pitch 5 mm
- Material

Insulator:
PA 66 UL-V0 GWT-compliant
Contact: Brass Tin Plated
- Electrical

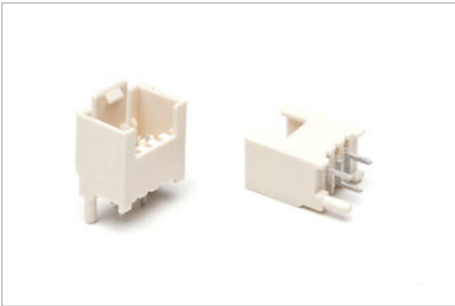
Current rating: 10 A
Dielectric withstanding: 250 V
Insulation resistance: 1000 Ω mini
Contact resistance: 10 mΩ max
- Mechanical

Temperature Range:
-30 °C to 120 °C

Product Code					
A	B	C	D	E	F
CTR1	P5	xx	SQ	Vyy	NA
		Position	A	B	C
C		02	5.00	10.20	12.30
		03	10.00	15.20	17.30
		04	15.00	20.20	22.30
		05	20.00	25.20	27.30
		06	25.00	30.20	32.30
		07	30.00	35.20	37.30
		08	35.00	40.20	42.30
		09	40.00	45.20	47.30
		10	45.00	50.20	52.30
		11	50.00	55.20	57.30
		12	55.00	60.20	62.30

RAST 2.5

HEADER VERTICAL PTH



NEW PRODUCT UNDER DEVELOPMENT, PLEASE CONTACT US FOR ANY REQUEST.