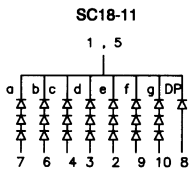
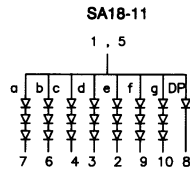
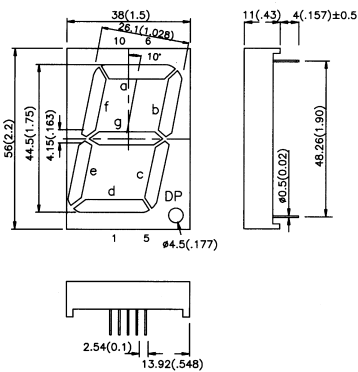


Kingbright DISPLAY

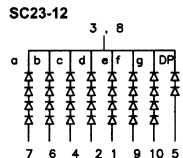
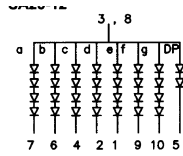
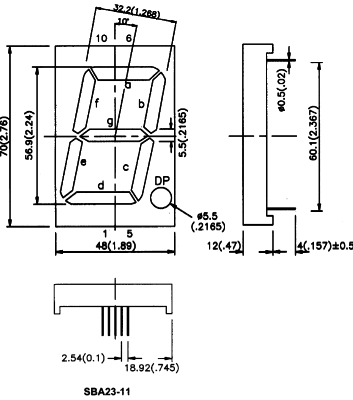
Tipo	Colore e polarità	Lunghezza onda di picco (nm)	Intensità nom. lv (ucd) IF 10 mA min. max	Ref.
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SERIE S.18 45mm - Confezione minima 13 pezzi



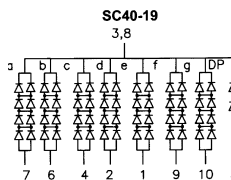
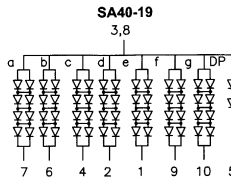
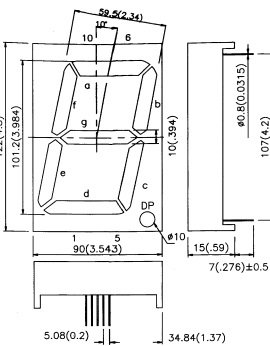
SA18-11EWA	rosso - anodo comune	625	8000	24000	1-011-335
SA18-11GWA	verde - anodo comune	565	12000	26000	1-011-336
SC18-11EWA	rosso - catodo comune	625	8000	24000	1-011-338
SC18-11GWA	verde - catodo comune	565	12000	26000	1-011-339
SA18-11SRWA	s/rosso - anodo comune	640	26000	75000	1-011-334
SC18-11SRWA	s/rosso - catodo comune	640	26000	75000	1-011-337

SERIE S.23 57mm - Confezione minima 10 pezzi



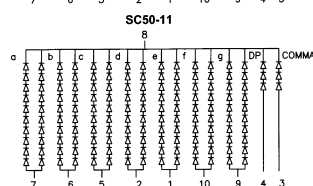
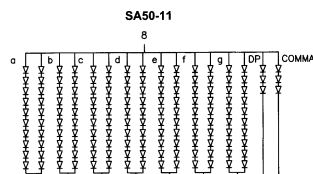
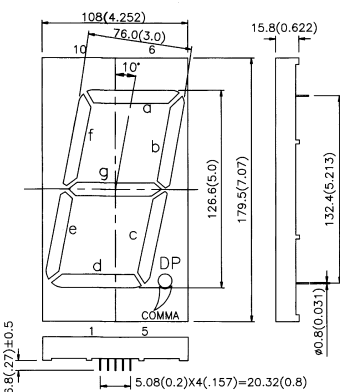
SA23-12EWA	rosso - anodo comune	625	8000	18000	1-011-330
SC23-12EWA	rosso - catodo comune	625	8000	18000	1-011-332
SA23-12GWA	verde - anodo comune	565	8000	24000	1-011-331
SC23-12GWA	verde - catodo comune	565	8000	24000	1-011-333
SA23-12SRWA	s/rosso - anodo comune	640	26000	75000	1-011-329
SC23-12SRWA	s/rosso - catodo comune	640	26000	75000	1-011-328

SERIE S.40 100mm - Confezione minima 10 pezzi



SA40-19EWA	rosso - anodo comune	625	18000	40000	1-011-346
SA40-19GWA	verde - anodo comune	565	18000	40000	1-011-347
SC40-19EWA	rosso - catodo comune	625	18000	40000	1-011-348
SC40-19GWA	verde - catodo comune	565	18000	40000	1-011-349
SA40-19RWA	s/rosso - anodo comune	640	26000	105000	1-011-350
SC40-19SRWA	s/rosso - catodo comune	640	26000	105000	1-011-351

SERIE S.50 127mm - Confezione minima 10 pezzi

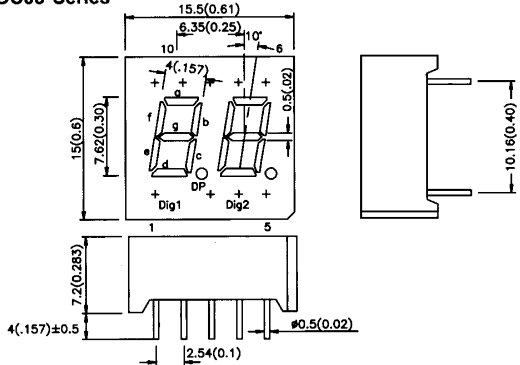


SA50-11EWA	rosso - anodo comune	625	8000	24000	1-011-352
SA50-11GWA	verde - anodo comune	565	4700	16000	1-011-354
SC50-11EWA	rosso - catodo comune	625	8000	24000	1-011-355
SC50-11GWA	verde - catodo comune	565	4700	16000	1-011-357
SA50-11SRWA	s/rosso - anodo comune	640	12000	26000	1-011-353
SC50-11SRWA	s/rosso - catodo comune	640	12000	26000	1-011-356

Kingbright DISPLAY MULTIPLI A 7 SEGMENTI

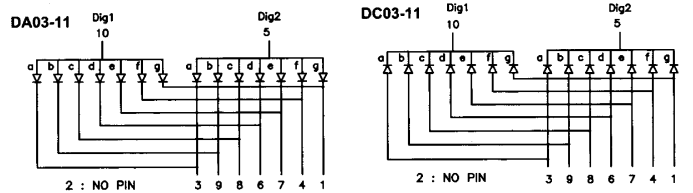
SERIE DA.03 DOPPIO DISPLAY 7mm - Confezione minima 32 pezzi

•DA/DC03 Series

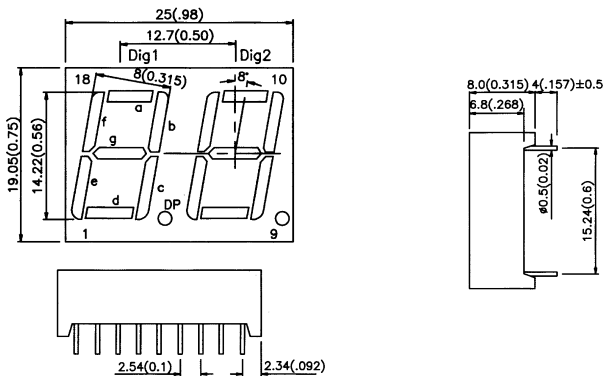


Tipo	Colore e polarità	Lunghezza onda di picco (nm)	Intensità nom. I _v (uCd) IF 10 mA	Ref.
			min. max	

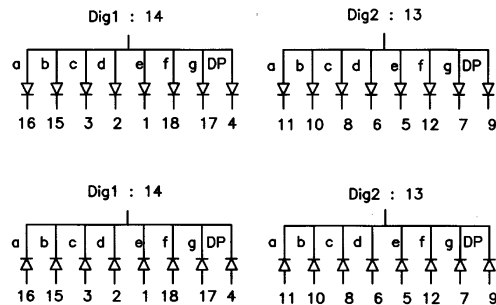
DA03-11	rosso - anodo comune	625	800 1900	1-011-360
DC03-11	rosso - catodo comune	625	800 1900	1-011-362



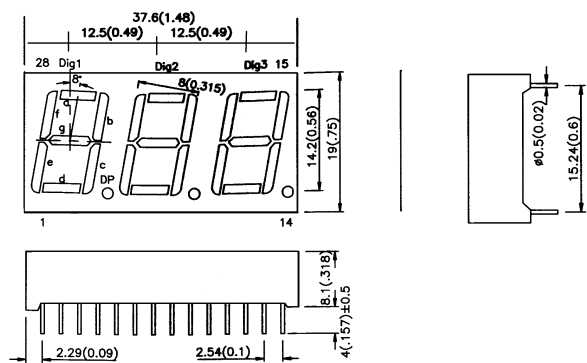
SERIE DA.56 DOPPIO DISPLAY 14mm - Confezione minima 20 pezzi



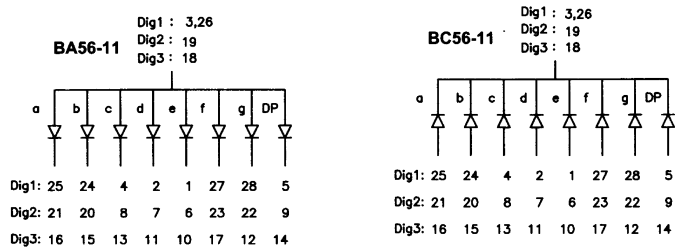
DA56-11	rosso - anodo comune	625	1900 8000	1-011-365
DC56-11	rosso - catodo comune	625	1900 8000	1-011-367



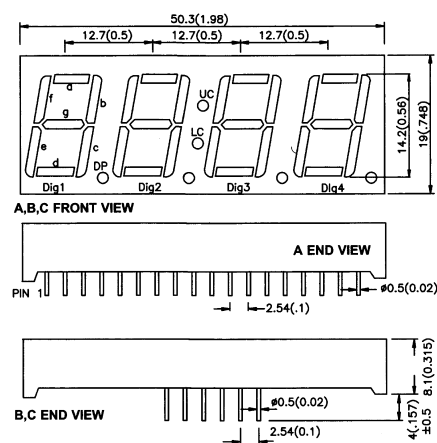
SERIE B.56 TRIPLO DISPLAY 14mm - Confezione minima 5 pezzi



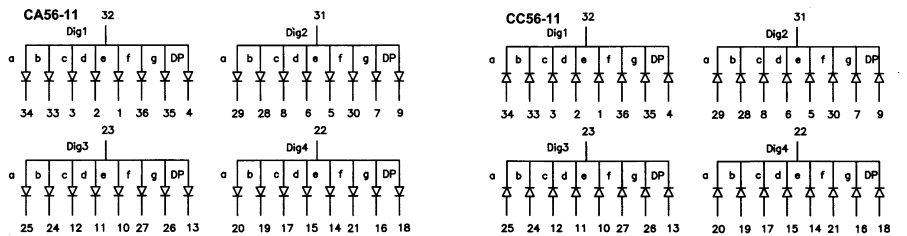
BA56-11EWA	rosso - anodo comune	625	1900 6400	1-011-370
BC56-11EWA	rosso - catodo comune	625	1900 6400	1-011-372



SERIE C.56 QUADRUPLO DISPLAY 14mm - Confezione minima 5 pezzi

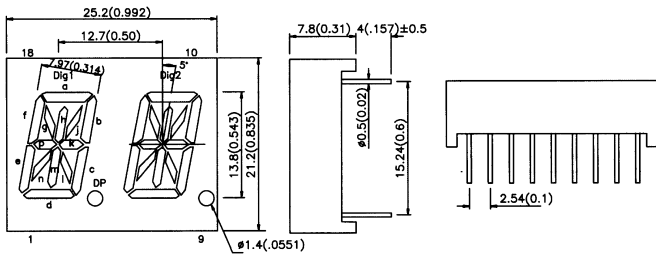


CA56-11EWA	rosso - anodo comune	625	1900 6400	1-011-375
CC56-11EWA	rosso - catodo comune	625	1900 6400	1-011-377



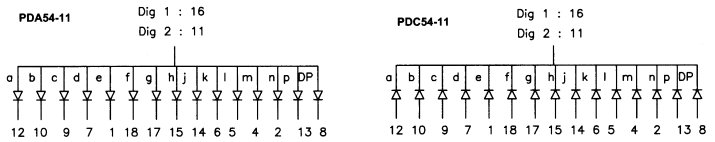
Kingbright DISPLAY MULTIPLI A 14 /16 SEGMENTI

SERIE PD.54 DISPLAY 14mm 14 segmenti - Confezione minima 19 pezzi

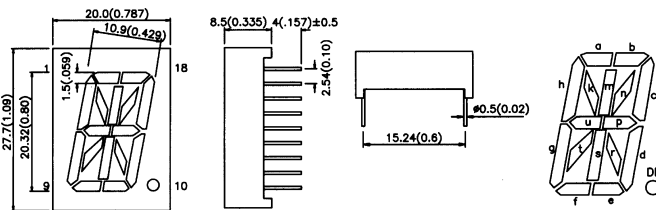


Tipo	Colore e polarità	Lunghezza onda di picco (nm)	Intensità nom. lv (ucd) IF 10 mA min. max	Ref.
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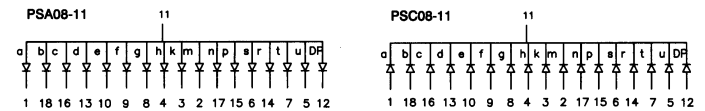
PDA54-11	rosso - anodo comune	625	1900 4700	1-011-460
PDC54-11	rosso - catodo comune	625	1900 4700	1-011-462



SERIE PS.08 DISPLAY 20mm 16 segmenti - Confezione minima 18 pezzi

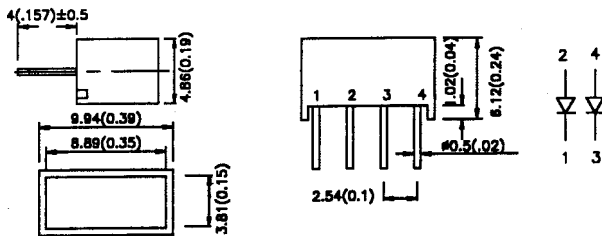


PSA08-11	rosso - anodo comune	625	1900 4700	1-011-455
PSC08-11	rosso - catodo comune	625	1900 4700	1-011-457



Kingbright LIGHT BARS LED

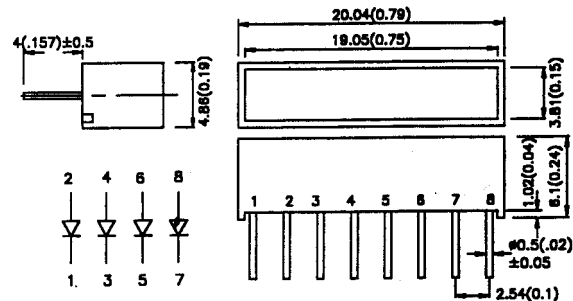
DIMENSIONI 8,89 x 3,81 mm - Confezione minima 50 pezzi



Tipo	Colore e polarità	Lunghezza onda di picco (nm)	Intensità nom. lv (ucd) IF 10 mA min. max	Ref.
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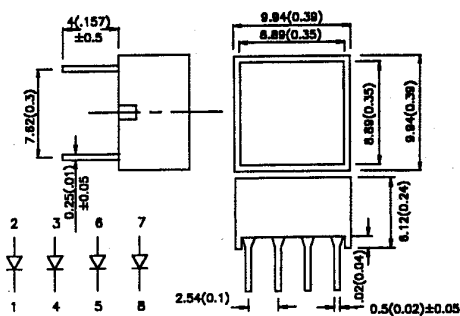
KB 2300EW	rosso	625	8 40	1-011-200
KB 2500SGD	s/verde	565	12 40	1-011-201
KB 2400YW	giallo	590	12 40	1-011-202
KB A100SRW	s/rosso	660	40 80	1-011-203

DIMENSIONI 19,05 x 3,81 mm - Confezione minima 50 pezzi



KB 2350EW	rosso	625	12 50	1-011-205
KB 2550SGD	s/verde	565	20 70	1-011-206
KB 2450YW	giallo	590	12 50	1-011-207
KB B100SRW	s/rosso	660	80 100	1-011-208

DIMENSIONI 8,89 x 8,89 mm - Confezione minima 50 pezzi

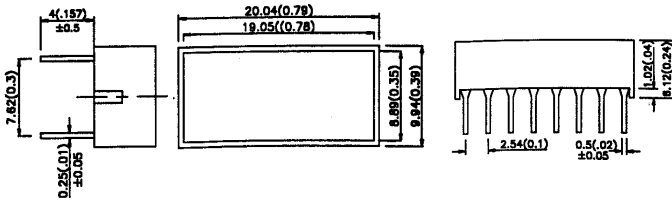


KB 2655EW	rosso	625	20 60	1-011-210
KB 2855SGD	s/verde	565	20 80	1-011-211
KB 2755YW	giallo	590	12 50	1-011-212
KB C100SRW	s/rosso	660	80 200	1-011-213

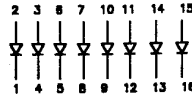
Kingbright LIGHT BARS LED

Tipo	Colore e polarità	Lunghezza onda di picco (nm)	Intensità nom. I _v (µcd) IF 10 mA		Ref.
			min.	max	

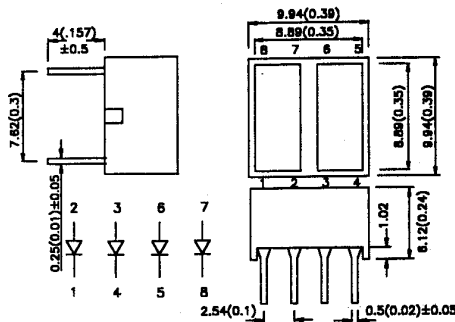
DIMENSIONI 8,89 x 19,05 mm - Confezione minima 50 pezzi



KB 2685EW	rosso	625	20	60	1-011-215
KB 2885SGD	s/verde	565	60	200	1-011-216
KB 2785YW	giallo	590	12	50	1-011-217
KB H100SRW	s/rosso	660	50	200	1-011-218

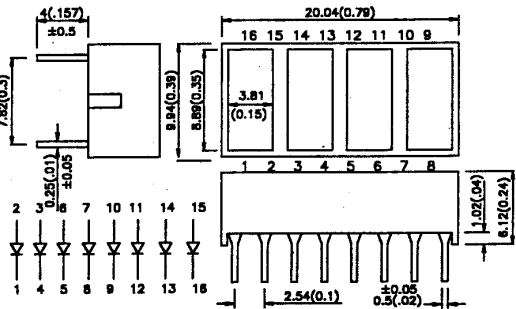


DIMENSIONI 8,89 x 3,81 mm - Confezione minima 50 pezzi



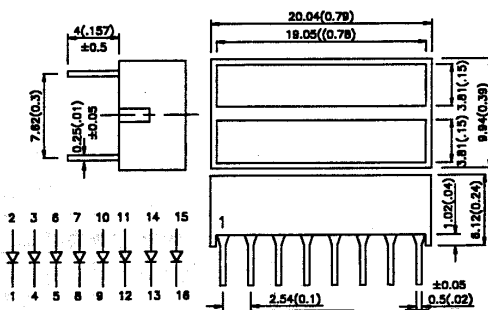
KB 2600EW	rosso	625	12	50	1-011-220
KB 2800SGD	s/verde	565	20	40	1-011-221
KB 2700YW	giallo	590	8	40	1-011-222
KB D100SRW	s/rosso	640	50	90	1-011-223

DIMENSIONI 8,89 x 3,81 mm - Confezione minima 50 pezzi



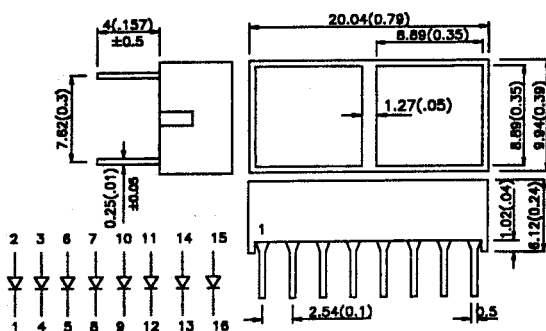
KB 2620EW	rosso	625	12	50	1-011-225
KB 2820SGD	s/verde	565	12	40	1-011-226
KB 2720YW	giallo	590	8	40	1-011-227
KB E100SRW	s/rosso	660	50	90	1-011-228

DIMENSIONI 3,81 x 19,05 mm - Confezione minima 50 pezzi



KB 2635EW	rosso	625	20	60	1-011-230
KB 2835SGD	s/verde	565	20	100	1-011-231
KB 2735YW	giallo	590	12	40	1-011-232
KB F100SRW	s/rosso	660	50	200	1-011-233

DIMENSIONI 8,89 x 8,89 mm - Confezione minima 50 pezzi

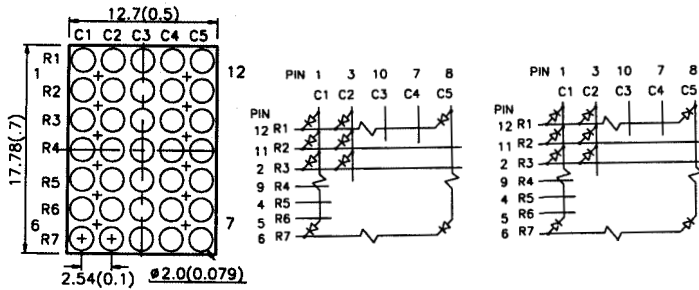


KB 2670EW	rosso	625	20	50	1-011-235
KB 2870SGD	s/verde	565	20	70	1-011-236
KB 2770YW	giallo	590	12	50	1-011-237
KB G100SRW	s/rosso	660	60	200	1-011-238

Kingbright DISPLAY A MATRICI DI PUNTI

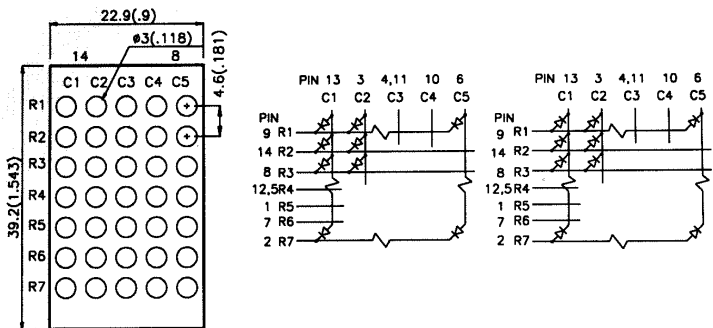
Tipo	Colore e polarità	Lunghezza onda di picco (nm)	Intensità nom. I _v (ucd) IF 10 mA	Ref.
			min. max	

SERIE T.07 - 18 mm - Confezione minima 27 pezzi



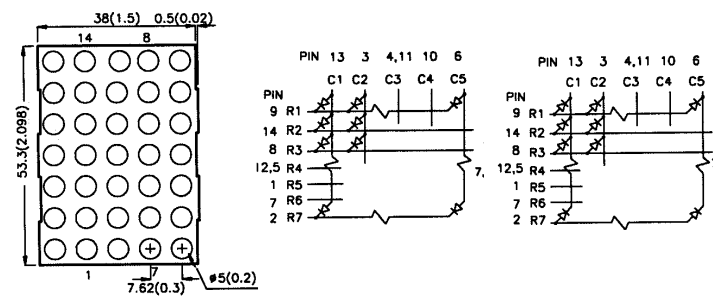
TA07-11EWA	rosso - anodo column	625	3000	8000	1-011-472
TC07-11EWA	rosso - catodo column	625	3000	8000	1-011-473
TA07-11GWA	verde - anodo column	565	3000	8000	1-011-470
TC07-11GWA	verde - catodo column	565	3000	8000	1-011-471

SERIE T.12 - 30 mm - Confezione minima 22 pezzi



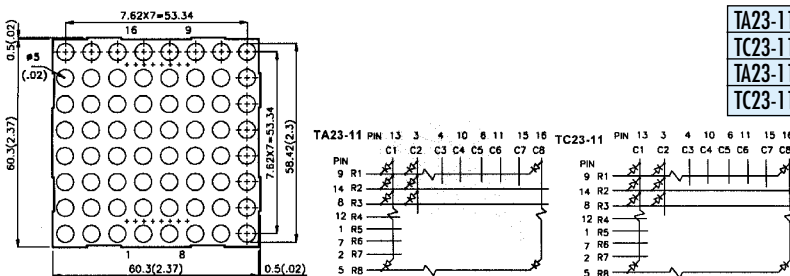
TA12-11EWA	rosso - anodo column	625	3000	8000	1-011-474
TC12-11EWA	rosso - catodo column	625	3000	8000	1-011-475
TA12-11GWA	verde - anodo column	565	3000	10500	1-011-476
TC12-11GWA	verde - catodo column	565	3000	10500	1-011-477

SERIE T.20 - 50 mm - Confezione minima 13 pezzi



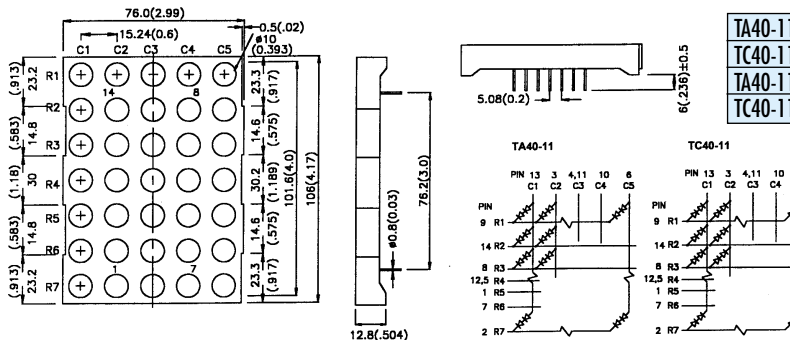
TA20-11EWA	rosso - anodo column	625	4700	12000	1-011-478
TC20-11EWA	rosso - catodo column	625	4700	12000	1-011-479
TA20-11GWA	verde - anodo column	565	4700	16000	1-011-482
TC20-11GWA	verde - catodo column	565	4700	16000	1-011-483

SERIE T.23 - 60 mm - Confezione minima 13 pezzi



TA23-11EWA	rosso - anodo column	625	3000	8000	1-011-484
TC23-11EWA	rosso - catodo column	625	3000	8000	1-011-485
TA23-11GWA	verde - anodo column	565	4700	10500	1-011-488
TC23-11GWA	verde - catodo column	565	4700	10500	1-011-489

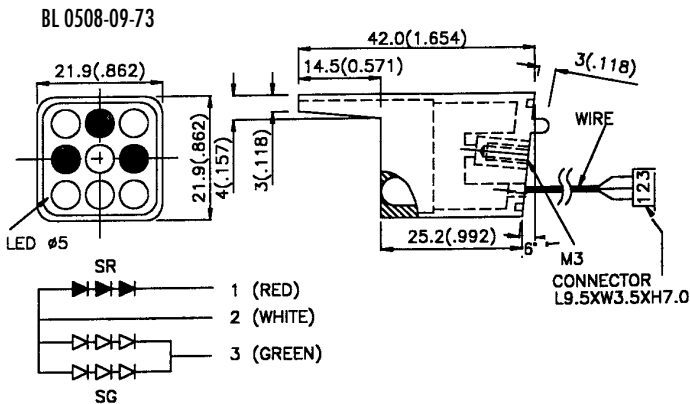
SERIE T.40 - 106 mm - Confezione minima 10 pezzi



TA40-11EWA	rosso - anodo column	625	4700	9000	1-011-492
TC40-11EWA	rosso - catodo column	625	4700	9000	1-011-493
TA40-11GWA	verde - anodo column	565	8000	24000	1-011-495
TC40-11GWA	verde - catodo column	565	8000	24000	1-011-496

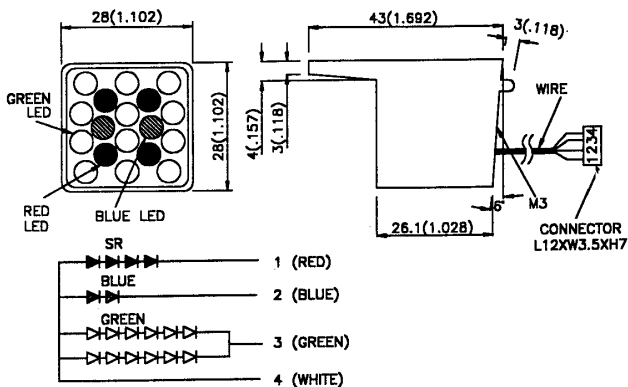
Kingbright CLUSTERS

Tipo	Colore	Lunghezza onda di picco (nm)	Intensità nom. lv (mcd) @ 20 mA		Angolo osservazione	IF (mA)	Ref.
			min.	max			

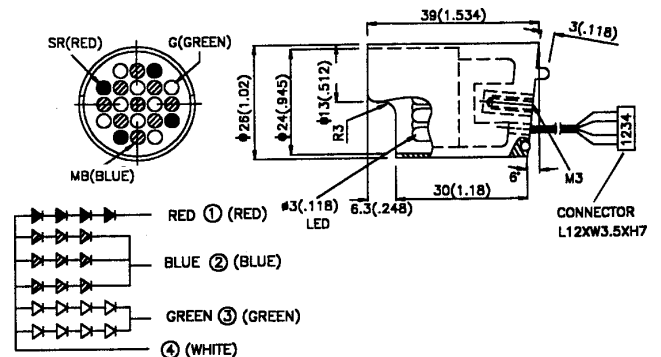


BL 0508-09-73	rosso	660	450	1200	40°	20	1-011-600
	verde	565	420	800	40°	40	
BL 0709-18-76	rosso	660	800	1800	40°	20	1-011-602
	verde	565	720	1200	40°	40	
BL 0104-21-72	rosso	660	800	1800	40°	20	1-011-604
	verde	565	560	1200	40°	40	
BL 0102-14-34	rosso	660	1600	2800	40°	20	1-011-606
	verde	565	800	1600	40°	40	
BL 0307-50-44	rosso	660	16000	20000	40°	200	1-011-608

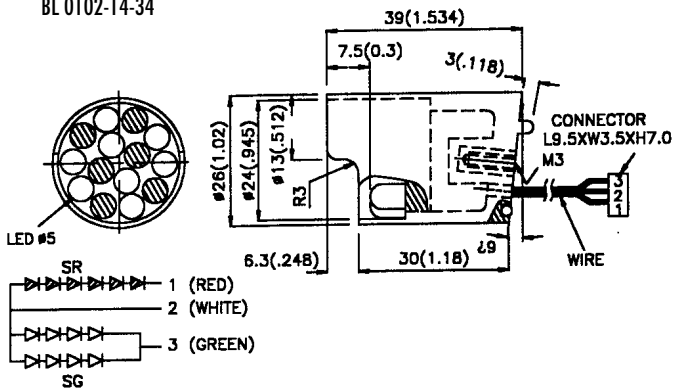
BL 0709-18-76



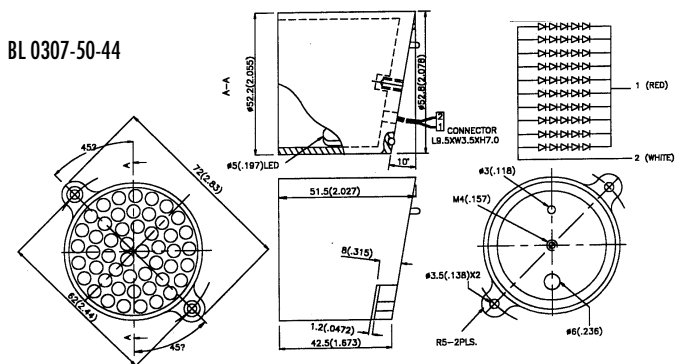
BL 0104-21-72



BL 0102-14-34



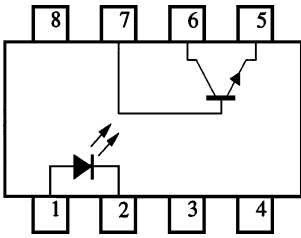
BL 0307-50-44



**Per i vostri ordinativi telefonateci allo 02 95029250,
mandateci un fax allo 02 95029319
oppure scrivetece un e-mail a marcucci@marcucci.it**

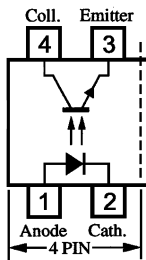
Tipo	V _{IO} V _{IO TM}	CTR I _f =10mA %	V(BRCEO) I _c =1mA V	V _{CEsat} @ I _f and I _c			ton/toff@I _c R _L =100Ω		Ref.
				V	mA	mA	μs	mA	

6 PIN OPTOCOUPLERS - Confezione minima 60 pezzi



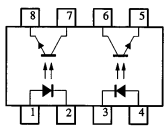
WITH TRANSISTORS OUTPUT									
4N25	3750	100 (>20)	<0.5	50	2	4	10	1-059-020	
4N35	3750	150 (>100)	>32	<0.3	10	0.5	<10	1-059-050	
WITH DARLINGTON OUTPUT									
4N32	3750	>500	>55	<1	8	2	50	50	1-059-030
4N33									1-059-035

4 PIN OPTOCOUPLERS - Confezione minima 100 pezzi



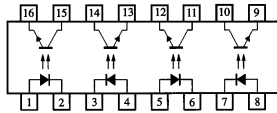
WITH TRANSISTORS OUTPUT									
K817P	2500	50-600	<70	<0.3	10	1	6	2	1-059-250

MULTI-CHANNEL OPTOCOUPLERS - Confezione minima 50 pezzi



Dual-channel
8-pin DIP

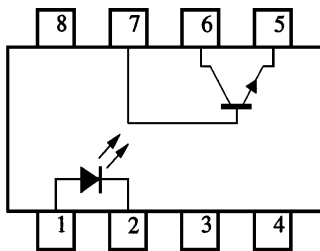
Dual-channel
6-pin DIP



WITH TRANSISTORS OUTPUT									
CNY74-2	2500	50-600	>70	<0.3	10	1	6	2	1-059-095
K827P									1-059-252
CNY74-4*									1-059-097
K847P*									1-059-254

*Confezione minima 25 pezzi

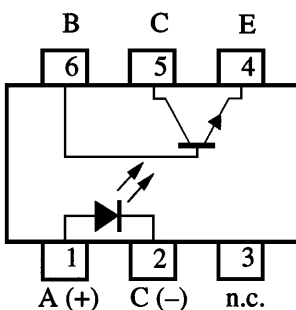
SURFACE MOUNT OPTOCOUPLERS - WITH PHOTOTRANSISTORS OUTPUT - Confezione minima 10 pezzi



S08 package

WITH TRANSISTORS OUTPUT									
MOC205	2500	40-80	>70	<0.3	10	1	6	5	1-059-100
MOC206		63-125							1-059-102
MOC207		100-200							1-059-104
TCMT1020	2500	<40	>70	10	10	1	6	5	1-059-150
TCMT1022		63-125							1-059-154
TCMT1023		100-200							1-059-156
MOC211		>20							1-059-106
MOC217-R2	2500	>100 •	>70	<0.3	10	1	6	5	1-059-116
TCMT1030		>10 •							1-059-160
TCMT1031		>20 •							1-059-162
TCMT1032		>50							1-059-164
TCMT1033	2500	>100 •	>70	<0.3	10	1	6	5	1-059-166
TCMT1034		>200 •							1-059-168

VDE 0884 APPROVED OPTOCOUPLERS WITH PHOTO TRANSISTOR OUTPUT - Confezione minima 10 pezzi



• with CTR Ranking • with CTR Ranking and High Output Voltage • No Base Connection

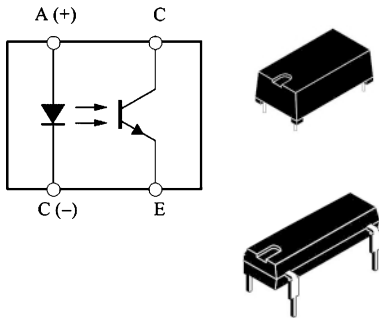
No Base C	CTR R. H.O.V	CNY17(G)-3 ^o *	6000	100-200	>32	<0.3	10	1	9	5	1-059-070
		CNY75(G)A^o	6000	63-125	>90	<0.3	10	1	4	10	1-059-094
		CNY75(G)B^o*	6000	100-200	>90	<0.3	10	1	6	10	1-059-096
		CNY75(G)C^o*	6000	160-320	>90	<0.3	10	1	7	10	1-059-098
		TCDT1101(G)	6000	40-80	>32	<0.3	10	1	9	5	1-059-120
		TCDT1102(G)	6000	63-125	>32	<0.3	10	1	9	5	1-059-122
		TCDT1103(G)	6000	100-200	>32	<0.3	10	1	9	5	1-059-124

^o water proofed construction: suitable for cleaning process with pure water. For your orders attach "S" to the order-No. (e.g. 4N25(G)VS) • - I_f=1mA

* Confezione minima 60 pezzi

Tipo	V_{IO}	CTR $I_F=10\text{mA}$ %	$V_{(BR)CEO}$ $I_C=1\text{mA}$ V	V_{CEsat} @ I_F and I_C			ton/toff@IC $R_L=100\Omega$		Ref.
	$V_{IO\ TM}$			V	mA	mA	μs	mA	

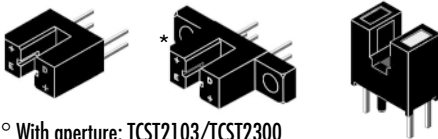
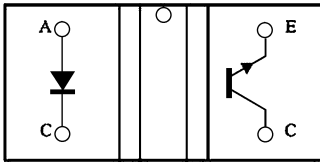
OPTOCOUPLEDERS - FOR HIGH ISOLATION VOLTAGES - Confezione minima 10 pezzi



CNY64	8000	50-300	>32	<0.3	10	1	5	5	1-059-080
CNY64B		100-200							1-059-084
CNY65*		50-300							1-059-086
CNY65A*	8000	63-125	>32	<0.3	10	1	5	5	1-059-088
CNY65B*		100-200							1-059-090
CNY66	8000	50-300	>32	<0.3	10	1	5	5	1-059-092

*Confezione minima 30 pezzi

OPTICAL SENSOR WITH PHOTOTRANSISTOR OUTPUT - Confezione minima 10 pezzi

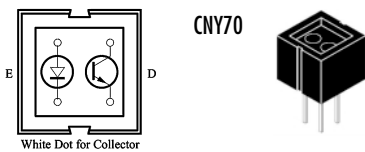


° With aperture: TCST2103/TCST2300

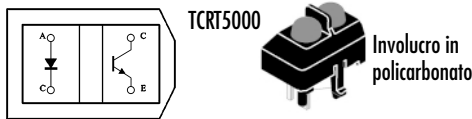
	Tipo	I_C mA	CTR @ I_F		$V_{(BR)CEO}$ @1 mA V	V_{CEsat} @ I_F and I_C			Ref.
			%	mA		V	mA	mA	
With aperture°	TCST1103	4 (>2)	20 (>10)	20	70	3.2	0.6	1	1-059-184
	TCST2103	4 (>2)	20 (>10)	20	70	3.2	0.6	1	1-059-194
	TCST1202*	2 (>1)	10 (>5)	20	70	3.2	0.4	0.5	1-059-186
	TCST1300	0.5 (>0.25)	2.5 (>1.25)	20	70	3.2	0.2	0.25	1-059-190
Without aperture	TCST2000	0.5 (>0.25)	2.5 (>1.25)	20	70	3.1	0.8	-	1-059-192
Miniature transmissive	TCST1030	2.5 (>1.2)	25 (>12)	10	70	3 mm	0.8 mm	-	1-059-182

*Confezione minima 85 pezzi

REFLECTIVE OPTICAL SENSOR - Confezione minima 80 pezzi



White Dot for Collector



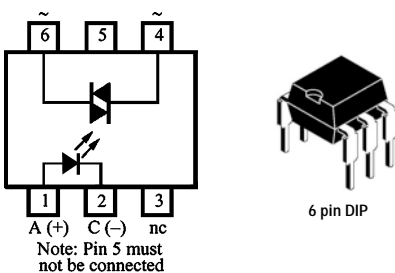
TCRT5000

Involucro in policarbonato

Tipo	I_C mA	CTR @ I_F		$V_{(BR)CEO}$ @1 mA V	V_{CEsat} @ I_F and I_C			Ref.
		%	mA		V	mA	mA	
CNY70	>0.3	>1.5	20	>32	<0.3	20	0.1	1-059-093
TCRT5000*	>0.35	>3.5	10	>32	<0.4	10	0.1	1-059-176

*Confezione minima 50 pezzi

OPTO ISOLATORS - WITH TRIAC DRIVER OUTPUT - Confezione minima 60 pezzi



Note: Pin 5 must not be connected

Tipo	V_{IO} $V_{IO\ TM}$	V_{DRM} V	I_{TRMS} mA	I_{FT} mA	V_{TM} V	dv/dt V/ μs	Ref.
K3010P (G)	6000	250	100	<15	<3	10	1-059-260
K3012P (G)	6000	250	100	<5	<3	10	1-059-262
K3020P (G)	6000	400	100	<30	<3	10	1-059-264
K3021P (G)	6000	400	100	<15	<3	10	1-054-266
K3022P (G)	6000	400	100	<10	<3	10	1-054-268
K3023P (G)	6000	400	100	<5	<3	10	1-054-270

6 pin DIP