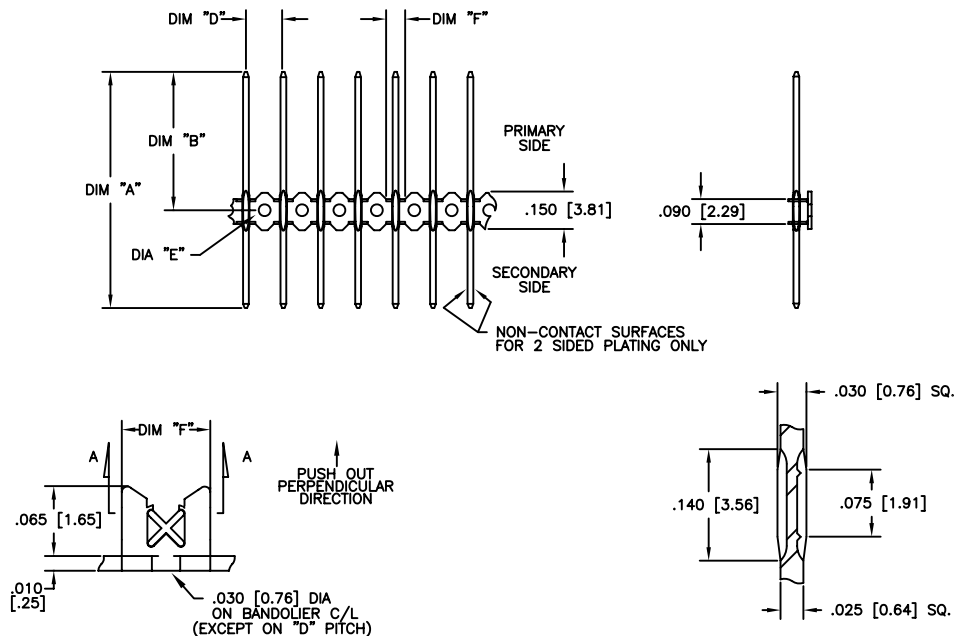


PRODUCT NUMBER

SEE TABLE



OPTIONS:

- * PIN LENGTHS
- * BANDOLIER PITCH (.100" [2.54mm], .125" [3.18mm], .150" [3.81mm])
- * GOLD, TIN-LEAD AND TIN PLATING LENGTHS
- * GOLD THICKNESS

SPECIFICATIONS—MECHANICAL:

- * DURABILITY: 200 CYCLES — WHEN USED WITH NORTEL GOLD CONTACT CONNECTORS
- * PERPENDICULAR PUSH OUT FORCE: 3-5 1/2 LBS / PIN TYP.
- * OPERATING TEMPERATURE: -55°C TO +85°C

SPECIFICATIONS—ELECTRICAL:

- * CURRENT RATING(CONTINUOUS): 2 AMP/CONTACT MAX

FEATURES:

- * .025" [0.63mm] SQUARE PINS
- * SELECTIVE GOLD PLATING IN CONTACT AREA:
2 SIDED AND 4 SIDED GOLD PLATING AVAILABLE
- * GOLD, TIN-LEAD OR TIN PLATING AT EITHER END
- * PROGRESSIVE TAPER NOSE (FROM 4 SIDE COINING) AT BOTH ENDS FOR SMOOTH ENGAGEMENT IN CONTACT
- * BANDOLIERED (.100" [2.54mm], .125" [3.18mm], .150" [3.81mm] PITCH) FOR BACKPANEL OR HEADER INSERTION
- * TIN-LEAD, TIN OR GOLD STRIKE IS PLATED IN AREA WHERE SOLDERING TO BOARD IS REQUIRED.
- * FLUTE AREA DESIGNED FOR RETENTION IN .062"-.093" [1.57mm-2.36mm] THICK PCB TYPICALLY
- * DESIGNED FOR .037+.001/-0.002" [0.94+0.03, -0.05] PCB FINISHED HOLE SIZE (FHS)

mat'l. code				surface		tolerance	projection	product family	
NOTE 1				ASME Y14.5		ASME Y14.5	INCH/MM	NORCON	
ltr	ecr no	dr	date	tolerances unless otherwise specified				title	
E	V06-0040	HTB	1/23/06	angles	fin			FREE STANDING PINS STAKE AND SOLDER	
F	V06-0662	JRV	2006-07-11				scale N.T.S.	dwg no	
				dr	T. BREWBAKER	1/23/06	FCI	sheet 1 of 3	
				engr	T. BREWBAKER	1/23/06		54364	
				chr	T. BREWBAKER	1/23/06		size	
				appd	T. BREWBAKER	1/23/06		A4	
sheet	revision	F	F	F				type	
index	sheet	1	2	3				CUSTOMER Drawing	



PRODUCT NUMBER	ENG. CODE	DIM "A"	DIM "B"	MATING END NOTE 2	DIM "D" (PITCH)	DIM "E"	DIM "F"	AVG. QTY. PER REEL	GOLD HEIGHT	NOTES
A0271525	NPS25042L1B	DISCONTINUED								
A0274630	NPS25042L2B									
A0274631	NPS25042L3B									
A0274863	NPS25042L2C									
A0274864	NPS25042L3C									
A0275017	NPS25042L1C									
A0275018	NPS25042L4B									
A0275019	NPS25042L4C									
A0275022	NPS25042L5B									
A0275023	NPS25042L5C									
A0275027	NPS25042L6B	1.230/31.24	.660/16.76	P & S	.150/3.81	.050/1.27	.070/1.78	26,500	.300/7.62 - P	-
A0275027LF	-	1.230/31.24	.660/16.76	P & S	.150/3.81	.050/1.27	.070/1.78	26,500	.300/7.62 - P	4
A0275028	NPS25042L6C	DISCONTINUED								
A0299834	NPS25042L7C									
A0329013	NPS25042L8B									
A0344895	NPS25042L1B									
A0344896	NPS25042L1C									
A0344897	NPS25042L2B									
A0344898	NPS25042L2C									
A0344899	NPS25042L3B	.695/17.65	.560/14.23	P	.150/3.81	.050/1.27	.070/1.78	26,500	.200/5.08 - P	-
A0344899LF	-	.695/17.65	.560/14.23	P	.150/3.81	.050/1.27	.070/1.78	26,500	.200/5.08 - P	4
A0344900	NPS25042L3C	.695/17.65	.560/14.23	P	.125/3.18	.040/1.02	.070/1.78	32,000	.200/5.08 - P	-
A0344900LF	-	.695/17.65	.560/14.23	P	.125/3.18	.040/1.02	.070/1.78	32,000	.200/5.08 - P	4
A0344901	NPS25042L4B	.795/20.19	.660/16.76	P	.150/3.81	.050/1.27	.070/1.78	26,500	.300/7.62 - P	-
A0344901LF	-	.795/20.19	.660/16.76	P	.150/3.81	.050/1.27	.070/1.78	26,500	.300/7.62 - P	4
A0344902	NPS25042L4C	DISCONTINUED								
A0344903	NPS25042L5B									
A0344904	NPS25042L5C	1.230/31.24	.660/16.76	P & S	.125/3.18	.040/1.02	.070/1.78	32,000	.300/7.62 - P .200/5.08 - S	-
A0344904LF	-	1.230/31.24	.660/16.76	P & S	.125/3.18	.040/1.02	.070/1.78	32,000	.300/7.62 - P .200/5.08 - S	4

mat'l. code				surface ASME Y14.5		tolerance ASME Y14.5		projection		product family NORCON	
NOTE 1				tolerances unless otherwise specified		INCH/MM		title		FREE STANDING PINS STAKE AND SOLDER	
ltr	ecr no	dr	date	angles	line	scale N.T.S.		dwg no		sheet 2 of 3	size
F								54364		A4	
				dr	T. BREWBAKER	1/23/06		type		CUSTOMER Drawing	
				engr	T. BREWBAKER	1/23/06					
				chr	T. BREWBAKER	1/23/06					
				appd	T. BREWBAKER	1/23/06					
sheet index	revision	sheet									



PRODUCT NUMBER	ENG. CODE	DIM "A"	DIM "B"	MATING END	DIM "D" (PITCH)	DIM "E"	DIM "F"	AVG. QTY. PER REEL	GOLD HEIGHT	NOTES
AO344905	NPS25042L6B	DISCONTINUED								
AO344906	NPS25042L6C									
AO344907	NPS25042L7C									
AO344908	NPS25042L8B									

NOTES:

- ①. BANDOLIER MATERIAL: C26000
PIN MATERIAL: C51000
CONTACT AREA FINISH: 30μ / 0.76μ Au
CONTACT UNDERPLATE: 50μ / 1.27μ Ni
SOLDER AREA FINISH: $100-200\mu$ / $2.54-5.08\mu$ SnPb
LF SOLDER AREA FINISH: 100μ / 2.54μ Sn
OVERALL UNDERPLATE: 20μ / 0.51μ Ni
FLUTE AND CENTRAL SECTION FINISH:
-FOR PINS WITH PRIMARY AND SECONDARY GOLD
PLATING: Au STRIKE
-FOR ALL OTHER PINS: $60-200\mu$ [$1.52-5.08\mu$] SnPb
-FOR OTHER LF PINS: 100μ / 2.54μ SnPb
- ②. P: PRIMARY SIDE OF PIN
S: SECONDARY SIDE OF PIN
3. PACKAGING: CARDBOARD REELS WITH PAPER INTERLEAVE
RIGHT OR LEFT REELING OPTION (PER DRAWING 57399)
- ④. PART NUMBERS WITH AN LF SUFFIX MEET EUROPEAN
UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS
AS DESCRIBED IN GS-22-008.

mat'l. code				surface		tolerance		projection		product family	
NOTE 1				ASME Y14.5		ASME Y14.5				NORCON	
ltr	ecr no	dr	date	tolerances unless otherwise specified							
F				angles	line	INCH/MM					
						scale N.T.S.					
		dr	T. BREWBAKER	1/23/06							
		engr	T. BREWBAKER	1/23/06							
		chr	T. BREWBAKER	1/23/06							
		appd	T. BREWBAKER	1/23/06							
sheet	revision	dwg no									
index	sheet	54364									
		type CUSTOMER Drawing									